PENNSYLVANIA AMERICAN WATER

Elizabeth Rose Triscari
Senior Director, Corporate Counsel
852 Wesley Drive | Mechanicsburg, PA 17055
Phone: 717-550-1574
elizabeth.triscari@amwater.com

VIA eFiling

April 30, 2025

Matthew L. Homsher, Secretary
Commonwealth of Pennsylvania
Pennsylvania Public Utility Commission
Commonwealth Keystone Building, 2nd Floor
400 North Street
Harrisburg, PA 17120

Re: Application of Pennsylvania-American Water Company for Approval of the Right to Offer or Furnish Wastewater Service to the Public in an Additional Portion of Butler Township, Butler County, Pennsylvania

Docket No. A-2025-3053990

Dear Secretary Homsher:

On April 16, 2025, Pennsylvania-American Water Company (the "Company") received Data request, Set 1, from the Bureau of Technical Utility Services for the above-referenced Application.

Enclosed are the Company's responses to the data request. The responses have been served upon the parties listed on the enclosed Certificate of Service.

If you have any questions, please contact me.

Sincerely,

Elizabeth Rose Triscari

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Enclosures

cc: All Parties on the attached Certificate of Service
J. Kennedy, Bureau of Technical Utility Services w/Encs. **VIA** E-mail

Application of Pennsylvania-American Water Company – Wastewater Division for Approval of the Right to Offer, Render, Furnish or Supply Wastewater Service to the Public in an Additional Portion of Butler Township, Butler County, Pennsylvania

Docket No. A-2025-3053990

A-1. Please provide a statement confirming that the Application does or does not meet all the applicable requirements or mandates of any officially adopted comprehensive plans and applicable zoning designations of Butler Township and Butler County.

Response: The Application does meet all the applicable requirements or mandates of any officially adopted comprehensive plans and applicable zoning designations of Butler Township as well as Butler County which is indicated by the approvals given by those entities per the letters that are attached. Please see TUS-A-1_Attachment.

Name: Jed A. Fiscus
Title: Director, Engineering Project Delivery
Pennsylvania-American Water Company

Application of Pennsylvania-American Water Company – Wastewater Division for Approval of the Right to Offer, Render, Furnish or Supply Wastewater Service to the Public in an Additional Portion of Butler Township, Butler County, Pennsylvania

Docket No. A-2025-3053990

A-2. Please clarify if PAWC-WD and Belmont Investment Properties, LLC (Developer) are affiliated with one another.

Response: PAWC-WD and Belmont Investment Properties, LLC (Developer) are not affiliated with one another. See TUS-A-2_Attachment.

Name: Jed A. Fiscus
Title: Director, Engineering Project Delivery
Pennsylvania-American Water Company

Application of Pennsylvania-American Water Company – Wastewater Division for Approval of the Right to Offer, Render, Furnish or Supply Wastewater Service to the Public in an Additional Portion of Butler Township, Butler County, Pennsylvania

Docket No. A-2025-3053990

A-3. Please identify any permits that will be required to construct the collection system, quantify the cost of each of these permits, and indicate which entity (e.g., PAWC-WD, Developer, etc.) will be responsible for the costs of each required permits.

Response: There were no permits required for the installation of the Sewer System.

Name: Jed A. Fiscus
Title: Director, Engineering Project Delivery
Pennsylvania-American Water Company

Application of Pennsylvania-American Water Company – Wastewater Division for Approval of the Right to Offer, Render, Furnish or Supply Wastewater Service to the Public in an Additional Portion of Butler Township, Butler County, Pennsylvania

Docket No. A-2025-3053990

A-4. Please provide a copy of the most recent Chapter 94 Municipal Wasteload Management report filed with the Department of Environmental Protection (DEP) for PAWC-WD's Butler Township Wastewater Treatment Plant (WWTP).

Response: See TUS-A-4_Attachment for the 2024 Chapter 94 Municipal Wasteload Management report filed with the DEP for the Butler WWTP.

Name: Jed A. Fiscus
Title: Director, Engineering Project Delivery
Pennsylvania-American Water Company

Application of Pennsylvania-American Water Company – Wastewater Division for Approval of the Right to Offer, Render, Furnish or Supply Wastewater Service to the Public in an Additional Portion of Butler Township, Butler County, Pennsylvania

Docket No. A-2025-3053990

A-5. Please provide a copy of the National Pollutant Discharge Elimination System permit for PAWC-WD's Butler Township WWTP.

Response: PAWC-WD is operating under the National Pollutant Discharge Elimination System permit PA0026697 that has been included as an attachment, see TUS-A-5_Attachment 1 as well as TUS-A-5_Attachment 2 which includes a letter from PA DEP confirming the transfer of the permits to PAWC-WD.

Name: Jed A. Fiscus
Title: Director, Engineering Project Delivery
Pennsylvania-American Water Company

Application of Pennsylvania-American Water Company – Wastewater Division for Approval of the Right to Offer, Render, Furnish or Supply Wastewater Service to the Public in an Additional Portion of Butler Township, Butler County, Pennsylvania

Docket No. A-2025-3053990

A-6. In the Application's Exhibit D-1, PAWC-WD provided a copy of a letter from the Developer requesting that PAWC-WD provide wastewater service to The Oaks at Dutchtown (Development). The letter indicated that Butler County and Butler Township have given preliminary approval for both phases of the Development, and final approval of Phase 1 of the Development. PAWC-WD provided a copy of the final approval letter for Phase 1 of the Development from Butler Township as the Application's Exhibit M. Please provide a copy of the preliminary approval letters from Butler County and Butler Township for the entire Development as referenced in the Application's Exhibit D-1.

Response: By letter dated February 20, 2024, Butler Township granted preliminary and final approval of Phase 1 and preliminary for Phase 2. In letter dated June 19, 2024, Butler Township rescinded granting final approval of Phase 1 and maintained preliminary approval of Phases 1 and 2 in the February 20, 2024, letter. On October 22, 2024, Butler Township granted final approval for Phase 1. See the following attachments:

- TUS-A-6_Attachment 1 Letter from Butler Township dated February 20, 2024
- TUS-A-6_Attachment 2 Letter from Butler Township dated June 19, 2024
- TUS-A-6_Attachment 3 Letter from Butler Township dated October 22, 2024

Name: Jed A. Fiscus
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Docket No. A-2025-3053990

A-7. The draft Sewer Main Extension Agreement, provided as the Application's Exhibit E, indicated that new service connections must be in accordance with PAWC-WD's Connection Management Plan (CMP). Additionally, the DEP-approved Act 537 Official Sewage Facilities Plan for the Butler Area Sewer Authority, filed with the Commission at Docket No. A-2022-3037047, indicated that the collection system is hydraulically overloaded. Please provide responses to the following:

a. Verify and provide evidence that the proposed connections for the Development are permitted under any PAWC-WD CMP;

b. Identify any portions of PAWC-WD's existing collection system that will be used to convey wastewater from the Development to PAWC-WD's Butler WWTP, that are currently hydraulically overloaded;

c. Provide an estimated cost of repairs or upgrades to PAWC-WD's existing collection system that will be required to provide wastewater service to the requested service territory; and

d. Identify the source of funding that will be used to complete any required repairs or upgrades to PAWC-WD's existing collection system to provide wastewater service to the requested service territory

Response:

a. The only area of the PAWC-WD Butler WW system that is affected by a Connection Management Plan is the area that is under a DEP Corrective Action Plan (CAP). The CAP area consists of two parts of the system that are served by six lift stations and are known as the Greenwood, Benbrook and Bryson (GBB) and Fisher, Brewster and Brester Booster (FBB) areas. The Development is not located in the CAP area of the system therefore the CMP does not apply.

b. N/A

c. N/A

d. N/A

Name: Jed A. Fiscus
Title: Director, Engineering Project Delivery
Pennsylvania-American Water Company

Application of Pennsylvania-American Water Company – Wastewater Division for Approval of the Right to Offer, Render, Furnish or Supply Wastewater Service to the Public in an Additional Portion of Butler Township, Butler County, Pennsylvania

Docket No. A-2025-3053990

A-8. In Section II, Paragraph 10 of the Application, PAWC-WD indicated that the collection system will consist of eight-inch diameter sewer main. Please specify the material type that will be used for the eight-inch diameter sewer main.

Response: Eight-inch PVC pipe will be used for the sewer mains.

Name: Jed A. Fiscus
Title: Director, Engineering Project Delivery
Pennsylvania-American Water Company

Application of Pennsylvania-American Water Company – Wastewater Division for Approval of the Right to Offer, Render, Furnish or Supply Wastewater Service to the Public in an Additional Portion of Butler Township, Butler County, Pennsylvania

Docket No. A-2025-3053990

A-9. The breakdown of costs provided as the Application's Exhibit F does not identify the quantity, size, material type, or estimated cost of laterals from the wastewater main to the edge of the public right-of-way (Company-Owned Laterals). Please provide an estimated cost for the proposed Company-Owned Laterals, broken down by Development phase, quantity, size, and material type, and clarify if the estimated cost of Company-Owned Laterals was included in the total estimated construction cost identified in Exhibit F.

Response: The estimated cost of the Company-Owned Laterals was included in the total estimated construction cost identified in Exhibit F. In Exhibit F, Cost Item C for each phase includes the Wye connection as well as the Company-Owned Lateral. The Company-Owned Laterals consist of 6" PVC pipe.

Name: Jed A. Fiscus
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A-10. In Section III, Paragraph 10 of the Application, the table describing the facilities to be installed within the Development indicated that nine sanitary manholes would be constructed. However, the Development plan provided as part of the Application's Exhibit E appears to depict 17 sanitary manholes and the breakdown of costs provided in the Application's Exhibit F identifies 16 manholes. Please clarify this apparent discrepancy and correct the Application's F to identify an accurate number of manholes to be constructed and estimated cost.

Response: PAWC-WD has confirmed that the 16 manholes identified in the Application's Exhibit F is accurate.

Name: Jed A. Fiscus
Title: Director, Engineering Project Delivery
Pennsylvania-American Water Company

Application of Pennsylvania-American Water Company – Wastewater Division for Approval of the Right to Offer, Render, Furnish or Supply Wastewater Service to the Public in an Additional Portion of Butler Township, Butler County, Pennsylvania

Docket No. A-2025-3053990

A-11. In Section III, Paragraph 12 of the Application, PAWC-WD indicated that the requested territory will generate an average wastewater flow of 24,800 gallons per day. Please quantify the projected average daily organic load from the requested territory at full buildout.

Response: We are projecting an organic load of .51 lbs/day per EDU. The Development is projecting 62 EDUs, 15 EDUs within the existing certificated territory and 47 EDUs within the requested territory. Therefore, we are estimating an organic load of approximately 32 lbs/day for the entire Development, including approximately 24 lbs/day within the requested territory at full buildout.

Name: Jed A. Fiscus
Title: Director, Engineering Project Delivery
Pennsylvania-American Water Company

Application of Pennsylvania-American Water Company – Wastewater Division for Approval of the Right to Offer, Render, Furnish or Supply Wastewater Service to the Public in an Additional Portion of Butler Township, Butler County, Pennsylvania

Docket No. A-2025-3053990

A-12. In Section III, Paragraph 12 of the Application, PAWC-WD indicated that it has sufficient collection, conveyance, and treatment capacity to serve the proposed 62 customers at full buildout. However, this Section of the Application also indicated that for 2023, the Butler Township WWTP had a maximum daily flow of 23.585 million gallons per day (MGD), and a design maximum daily flow of 20 MGD. These identified flows appear to indicate that the Butler Township WWTP has daily flows exceeding the design maximum daily flow, potentially due to inflow and infiltration. Please confirm that PAWC-WD has sufficient collection, conveyance, and treatment capacity to provide wastewater service to the proposed 62 customers at full buildout.

Response: Per the attached 2024 Chapter 94 Report for the Butler WWTP (TUS-A-04_Attachment), the plant is not currently nor projected to be hydraulically overloaded. The PAWC-WD Butler WW system has sufficient collection, conveyance, and treatment capacity to provide wastewater service to the proposed 62 customers at full buildout.

Name: Jed A. Fiscus
Title: Director, Engineering Project Delivery
Pennsylvania-American Water Company

Application of Pennsylvania-American Water Company – Wastewater Division for Approval of the Right to Offer, Render, Furnish or Supply Wastewater Service to the Public in an Additional Portion of Butler Township, Butler County, Pennsylvania

Docket No. A-2025-3053990

A-13. In Section III, Paragraph 15 of the Application, PAWC-WD indicated that the DEP issued a letter on November 16, 2023, approving Act 537 planning revisions. Please provide a copy of the referenced letter from DEP dated November 16, 2023.

Response: See TUS-A-13_Attachment for the DEP issued letter.

Name: Jed A. Fiscus
Title: Director, Engineering Project Delivery
Pennsylvania-American Water Company

Application of Pennsylvania-American Water Company – Wastewater Division for Approval of the Right to Offer, Render, Furnish or Supply Wastewater Service to the Public in an Additional Portion of Butler Township, Butler County, Pennsylvania

Docket No. A-2025-3053990

A-14. In Section IV, Paragraph 23 of the Application, PAWC-WD indicated that furnishing wastewater service in the requested territory will have no adverse effect upon the service furnished or the rates charged to other customers. Please explain how approval of the Application will benefit PAWC-WD's existing customers.

Response: Approval of this Application will result in more customers being connected to PAWC's wastewater system without significant upfront capital costs required by the Company. An increase in customers to this system will allow PAWC to divide the operating costs among more customers and keep rates lower for all PAWC customers.

Name: Jed A. Fiscus
Title: Director, Engineering Project Delivery
Pennsylvania-American Water Company

Application of Pennsylvania-American Water Company – Wastewater Division for Approval of the Right to Offer, Render, Furnish or Supply Wastewater Service to the Public in an Additional Portion of Butler Township, Butler County, Pennsylvania

Docket No. A-2025-3053990

A-15. The certificate of service indicates that the Application was served upon the Northeast Regional DEP office; however, Butler County is under the jurisdiction of the Northwest Regional DEP office. Please provide a certificate of service that shows a copy of the Application has been served upon the Northwest Regional DEP office.

Response: Pennsylvania-American Water Company served the Northwest Regional Office at 230 Chestnut Street, Meadville, Pennsylvania, 16335 but mistakenly identified it as the Northeast Regional Office. Please see attachment **TUS-A-15_Attachment** for the United Parcel Service (UPS) package tracking and delivery confirmation.

Name: Jed A. Fiscus
Title: Director, Engineering Project Delivery
Pennsylvania-American Water Company

October 22, 2024

Joe Gray
Belmont Investment Properties, LLC
75 Dutchtown Road
Butler, PA 16002

RE: The Oaks at Dutchtown Phase 1 Subdivision Plan
Resolution 24-16

Dear Joe Gray:

Please be advised that at their regular meeting held Monday, October 21, 2024, the Butler Township Board of Commissioners voted to grant final approval of phase 1 of the above referenced subdivision plan located in Butler Township, as filed by you (the "Developer") in accordance with the application materials, subject to the following conditions set forth by Resolution 24-16 (copy attached):

1. Compliance with Senate Engineering Company's letter dated October 16, 2024,
2. Executing a Developer's Agreement approved by the Township Solicitor,
3. Posting of Financial Security in the amount and form acceptable to the Township Solicitor,
4. Approval from the Butler Area Sewer Authority, and
5. Review and approval of the Homeowner Association documentation by the Butler Township Solicitor.

The Board's action dealt only with the above-referenced subdivision plan and waiver approvals under the Subdivision and Land Development Ordinance. The developer must still comply with any and all applicable Township building and other codes and obtain all necessary building, occupancy and other permits from the Township Zoning Officer and Building Inspector.

If you have any questions, feel free to contact me.

Sincerely,

Jesse E. Hines
Zoning Officer
Attachment
c: The Gateway Engineers, Inc.
Commissioner Rice
Manager Knights

Butler County Board of Commissioners
Planning Commission

124 W. Diamond Street, PO Box 1208, Butler, PA 16003-1208
Phone 724.284.5300 Fax 724.284.5315 TDD 724.284.5473

January 18, 2024

Jesse Hines, Zoning Officer
Butler Township
290 South Duffy Road
Butler, PA 16001

Dear Jesse,

The Butler County Planning Commission reviewed the following plan in your municipality in accordance with Section 502 (b) of the Pennsylvania Municipalities Planning Code:

The Oaks at Dutchtown, 62 Lots, #24005
BCPC did not have any comments on this plan.

Please be aware that The Pennsylvania Municipalities Planning Code requires county recording within 90 days of approval signatures by the governing body. If a plan is conditionally approved, the plan approval date will be when the conditions for approval are complete. PaMPC Article V, section 513(a)

A revised property deed also needs to be recorded when a parcel is altered so that the change can be properly accounted for in the Butler County Mapping and Assessment offices.

Joel R. MacKay
J.R. MacKay
Civil Engineer/Planner
Butler County Planning Department
124 West Diamond Street
Butler, PA 16001
724.284.5138
724.284.5315 FAX
jmackay@co.butler.pa.us

TUS-A-2_Attachment

Belmont Investment Properties, LLC

75 Dutchtown Rd, Butler PA 16002

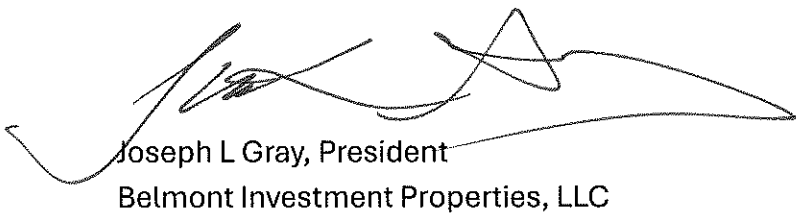
04/21/2025

Pennsylvania American Water
100 Litman Rd
Butler, PA 16001

To whom this may concern,

Belmont Investment Properties, LLC is a independently owned company by Joseph L. Gray. There is no past or present affiliation with PAWC or PAWC-WD for Belmont Investment Properties, LLC or Joseph L. Gray.

Best regards,



Joseph L Gray, President
Belmont Investment Properties, LLC

PENNSYLVANIA AMERICAN WATER

CHAPTER 94 MUNICIPAL WASTELOAD MANAGEMENT REPORT

PENNSYLVANIA-AMERICAN WATER COMPANY

BUTLER AREA WASTEWATER TREATMENT PLANT AND COLLECTION SYSTEM

NPDES PERMIT: PA0026697

OPERATING YEAR: 2024

3800-FM-BPNPSM0507 4/2014
Chapter 94 Report

pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF POINT AND NON-POINT SOURCE MANAGEMENT

CHAPTER 94 MUNICIPAL WASTELOAD MANAGEMENT ANNUAL REPORT

For Calendar Year: 2024

☒ Permittee is owner and/or operator of a POTW or other sewage treatment facility
☐ Permittee is owner and/or operator of a collection system tributary to a POTW not owned/operated by permittee

GENERAL INFORMATION

Permittee Name:	**Pennsylvania American Water Company**	Permit No.:	**PA0026697**
Mailing Address:	**852 Wesley Drive**	Effective Date:	**September 1, 2018**
City, State, Zip:	**Mechanicsburg, PA 17055**	Expiration Date:	**August 31, 2023**
Contact Person:	**Walter Jenko**	Renewal Due Date:	**February 28, 2023**
Title:	**Senior Project Engineer**	Municipality:	**Butler Township**
Phone:	**724-496-5269**	County:	**Butler**
Email:	**Walt.Jenko@amwater.com**	Consultant Name:	**N/A**

CHAPTER 94 REPORT COMPONENTS

1. Attach to this report a line graph depicting the monthly average flows (expressed in MGD) for each month for the past 5 years and projecting the flows for the next 5 years. The graph must also include a line depicting the hydraulic design capacity per the WQM permit. (25 Pa. Code § 94.12(a)(1))

   Check the appropriate boxes:
   ☒ Line graph for flows attached (**Attachment B**)
   ☒ DEP Chapter 94 Spreadsheet used (**Attachment A**)
   ☐ Section 1 is not applicable (report is for a collection system).

2. Attach to this report a line graph depicting the monthly average organic loads (express as lbs BOD5/day) for each month for the past 5 years and projecting the organic loads for the next 5 years. The graph must also include a line depicting the organic design capacity of the treatment plant per the WQM permit. (25 Pa. Code § 94.12(a)(2))

   Check the appropriate boxes:
   ☒ Line graph for organic loads attached (**Attachment C**)
   ☒ DEP Chapter 94 Spreadsheet used (**Attachment A**)
   ☐ Section 2 is not applicable (report is for a collection system).

3. If the DEP Chapter 94 Spreadsheet was not used to determine projections, discuss the basis for the hydraulic and organic projections. In all cases, include a description of the time needed to expand the plant to meet the load projections, if necessary, and data used to support the projections should be included in an appendix to this report. (25 Pa. Code § 94.12(a)(3))

Not Applicable

4. Attach a map showing all sewer extensions constructed within the past calendar year, sewer extensions approved or exempted in the past year in accordance with Act 537 and Chapter 71, but not yet constructed, and all known proposed projects which require public sewers but are in the preliminary planning stages. The map must be accompanied by a list summarizing each extension or project and the population to be served by the extension or project. If a sewer extension approval or proposed project includes schedules describing how the project will be completed over time, the listing should include that information and the effect this build-out-rate will have on populations served. (25 Pa. Code § 94.12(a)(4))

Check the appropriate boxes:

☒ Map showing sewer extensions constructed, approved/exempted but not yet constructed, and proposed projects attached (**Attachment**)

☒ List summarizing each extension or project attached (**Attachment G**)

☐ Schedules describing how each project will be completed over time and effects attached (**Attachment**)

Comments:

5. Discuss the permittee's program for sewer system monitoring, maintenance, repair and rehabilitation, including routine and special activities, personnel and equipment used, sampling frequency, quality assurance, data analyses, infiltration/inflow monitoring, and, where applicable, maintenance and control of combined sewer regulators during the past year. Attach a separate sheet if necessary. (25 Pa. Code § 94.12(a)(5))

See Report Narrative.

6. Discuss the condition of the sewer system including portions of the system where conveyance capacity is being exceeded or will be exceeded in the next 5 years and portions where rehabilitation or cleaning is needed or is underway to maintain the integrity of the system and prevent or eliminate bypassing, CSOs, SSOs, excessive infiltration and other system problems. Attach a separate sheet if necessary. (25 Pa. Code § 94.12(a)(6))

Check the appropriate boxes:

☒ System experienced capacity-related bypassing, SSOs or surcharging during the report year. On a separate sheet, list the date, location, and reason for each bypass, SSO or surcharge event.

☐ System did not experience capacity-related bypassing, SSOs or surcharging during the report year.

Comments:

See Report Narrative.

7. Attach a discussion on the condition of sewage pumping (pump) stations. Include a comparison of the maximum pumping rate with present maximum flows and the projected 2-year maximum flows for each station. (25 Pa. Code § 94.12(a)(7))

Check the appropriate boxes:

☐ The collection system does not contain pump stations

☒ The collection system does contain pump stations (Number – **27**)

☒ Discussion of condition of each pump station attached (**Attachment H**)

8. If the sewage collection system receives industrial wastes (i.e., non-sanitary wastes), attach a report with the information listed below. (25 Pa. Code § 94.12(a)(8))

a. A copy of any ordinance or regulation governing industrial waste discharges to the sewer system or a copy of amendments adopted since the initial submission of the ordinance or regulation under Chapter 94, if it has not previously been submitted.

b. A discussion of the permittee's or municipality's program for surveillance and monitoring of industrial waste discharges into the sewer system during the past year.

c. A discussion of specific problems in the sewer system or at the plant, known or suspected to be caused by industrial waste discharges and a summary of the steps being taken to alleviate or eliminate the problems. The discussion shall include a list of industries known to be discharging wastes which create problems in the plant or in the sewer system and action taken to eliminate the problem or prevent its recurrence. The report may describe pollution prevention techniques in the summary of steps taken to alleviate current problems caused by industrial waste dischargers and in actions taken to eliminate or prevent potential or recurring problems caused by industrial waste dischargers.

Check the appropriate boxes:

☐ Industrial waste report as described in 8 a., b. and c. attached (**Attachment**)

☒ Industrial pretreatment report as required in an NPDES permit attached (**Attachment I**)

9. Existing or Projected Overload.

Check the appropriate boxes:

☐ This report demonstrates an existing hydraulic overload condition.
☐ This report demonstrates a projected hydraulic overload condition.
☐ This report demonstrates an existing organic overload condition.
☐ This report demonstrates a projected organic overload condition.

If one or more boxes above have been checked, attach a Corrective Action Plan (CAP) to reduce or eliminate present or projected overloaded conditions under §§ 94.21 and/or 94.22 (relating to existing overload and projected overload). (25 Pa. Code § 94.12(a)(9))

☐ Corrective Action Plan attached (**Attachment**)

10. Where required by the NPDES permit, attach a Sewage Sludge Management inventory that demonstrates a mass balance of solids coming in and leaving the facility over the previous calendar year.

☒ Sewage Sludge Management Inventory attached (**Attachment J**)

11. For facilities with CSOs and where required by the NPDES permit, attach an Annual CSO Report (including satellite combined sewer systems).

☐ Annual CSO Report attached (**Attachment**)

12. For POTWs, attach a calibration report documenting that flow measuring, indicating and recording equipment has been calibrated annually. (25 Pa. Code § 94.13(b))

☒ Flow calibration report attached (**Attachment K**)

RESPONSIBLE OFFICIAL CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowledge of violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Jed A. Fiscus, P.E..	
Name of Responsible Official	Signature
814-279-4710	03/27/2025
Telephone No.	Date

PREPARER CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared by me or otherwise under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. The information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowledge of violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Walter W. Jenko, P.E.	*Walter Jenko*
Name of Preparer	Signature
724-496-5269	03/27/2025
Telephone No.	Date

PENNSYLVANIA AMERICAN WATER

CHAPTER 94 MUNICIPAL WASTELOAD MANAGEMENT REPORT

PENNSYLVANIA-AMERICAN WATER COMPANY

BUTLER AREA WASTEWATER TREATMENT PLANT AND COLLECTION SYSTEM

NPDES PERMIT: PA0026697

OPERATING YEAR: 2024

PERMITEE SIGNATURE: Jon C. Natale

Jon Natale, Sr. Manager of Operations – Northwest - Pennsylvania-American Water Company

REPORT PREPARER SIGNATURE: Walter Jenko

Walter Jenko, Senior Project Engineer – Northwest-Pennsylvania-American Water Company

Annual Report Summary and Index

The purpose of the Municipal Wasteload Management Report is to provide the Pennsylvania Department of Environmental Protection (PaDEP) with information for a review of the load on the wastewater facilities and to ensure that there is sufficient time to plan, and construct needed additions. This report includes information on all collection systems tributary to the treatment plant. In accordance with Section 94.12, Annual Report, of the PaDEP Rules and Regulations, the report includes the following:

1. **Introduction**
2. **Hydraulic Loading** (§94.12(a)1)
3. **Organic Loading** (§94.12(a)2)
4. **Basis of Loading Projections** (§94.12(a)3)
5. **Projected Overload Conditions** (§94.12(a)1) **and** (§94.12(a)2)
6. **Corrective Action Plan Discussion (§94.12(a)9)**
7. **Collection System Extensions** (§94.12(a)4)
8. **Wastewater Facilities Monitoring, Maintenance, Repair and Rehabilitation** (§94.12(a)5)
9. **Condition of Collection System** (§94.12(a)6)
10. **Condition of Lift Stations** (§94.12(a)7)
11. **Industrial Waste Report** (§94.12(a)8)
12. **Sewage Sludge Management**
13. **Calibration Report**

ATTACHEMENTS

A. Hydraulic and Organic Loading Table
B. Hydraulic Loading Graph
C. Organic Loading Graph
D. WWTP Process Diagram
E. Certifications and Training Transcripts for Operators
F. Sanitary Sewer Overflow Events
G. Collection System Summary Table
H. Lift Station Summary Table
I. Industrial Pretreatment Performance Summary
J. Sewage Sludge Management Inventory
K. Calibration Report for Plant Flow Meter

1. Introduction

Pennsylvania-American Water Company (PAWC) owns and operates the Butler Wastewater System that consists of a 10.0 MGD Wastewater Treatment Plant (WWTP), twenty three (23) lift stations, and collection and conveyance sewers consisting of approximately **1,394,750** LF of various sizes of pipe, **54,222** LF of force main, and approximately **6,476** manholes to service City of Butler and East Butler Borough as well as portions of Summit, Center, Butler, Connoquenessing and Oakland Townships. Additionally, there are four (4) wet weather diversion tank lift stations and three (3) wet weather storage tank farms that include seven (7) storage tanks with a combined total capacity of approximately 22.1 million gallons. The purpose of these storage tanks is to manage wet weather flows during storm events and reduce high flows at the WWTP.

The WWTP operates under National Pollutant Discharge Elimination System (NPDES) issued Permit PA0026697. The current NPDES permit was issued on September 1, 2018, and expired on August 31, 2023. Application for the new permit was made by the former Butler Area Sewer Authority (Authority) on February 14, 2023, and since that expiration, operations have continued under the 2018 permit until such time that a new permit is issued. Shown in **Attachment D** is the WWTP process diagram. The WWTP is located at 100 Litman Road, Butler, PA 16001.

The WWTP plant utilizes a two-stage biological treatment system with high-rate trickling filters and a second stage activated sludge nitrification process. Additional treatment processes include preliminary treatment, primary settling, trickling filters, aeration, final settling, reactor clarifier settling and chlorine disinfection. The NPDES Permit issued by the PaDEP, with effective date September 1, 2018, provides for Outfall 001 discharges from the wastewater treatment plant to Connoquenessing Creek, along with Outfall 005 for emergency plant discharges to Butcher Run.

In October 2024, PAWC acquired the Authority's wastewater facilities. As part of ownership of these wastewater facilities, in 2023 the City of Butler, East Butler Borough, and the Townships of Summit, Center, Butler, and Oakland approved Act 537 planning to show that PAWC would provide sanitary services to these municipalities.

2. Hydraulic Loading (§94.12(a)1)

The hydraulic loading graph (**Attachment B**) illustrates the hydraulic loading on the treatment plant plotted from average daily flows for each month from **2020 to 2024** and the hydraulic loading as provided by the National Pollutant Discharge Elimination System (NPDES) permit.

Attachment A provides a list of the average daily flows for each month from **2020 to 2024** with the annual average daily flow and 3-month maximum consecutive average daily flow for each year.

Based on the information in **Attachment A**, the ratio of maximum 3 consecutive months to average loading (peaking factor) for years **2020 to 2024** is **1.53**.

Excessive wet weather events totaling more than 7-inches of rainfall, had occurred from April 1 through April 13, 2024, which resulted in sewer system overflows (SSO) and bypassing to diversion/wet weather facilities at various locations. Information regarding overflows which occurred in 2024 are provided in **Attachment F**.

3. Organic Loading (§94.12(a)2)

The organic loading graph (**Attachment C**) illustrates the organic loadings on the plant plotted from average daily loadings for each month from **2020 to 2024** and the organic loading approved by the NPDES permit.

Attachment A provides a list of the average daily organic loadings for each month from **2020 to 2024** with the annual average loadings and maximum month average daily loadings for each year. Based on the information in **Attachment A**, the ratio of maximum month to average loading (peaking factor) for years **2020 to 2024** is **1.25.**

4. Basis of Loading Projections (§94.12(a)3)

In an effort to determine future hydraulic and organic loadings to the plant, a forecast of future population served was determined for Years **2025** to **2029**. The projected EDUs for **2025 to 2029** are based on the projections in the Act 537 plan, on page 20. These projections consider the number of connections that were made in previous years as well as population trends for each of the contributing municipalities.

The hydraulic load is based on 100 gal/day/person x 3.0 persons per EDU. The organic load is based on 0.17 lbs/day/person x 3.0 persons per EDU. The 3.0 persons per EDU are based on the average of the population density of persons per household from the 2020 census data for the seven contributing municipalities.

Attachment A depicts the estimated number of additional EDUs served and respective hydraulic and organic loads anticipated for the next five years. The projected annual hydraulic and organic loadings were then added to the five-year annual average daily hydraulic and organic loading to approximate the loadings at the PAWC Butler Wastewater Treatment Plant for the next five years (**2025 -**

2029). The projected 3-consecutive maximum monthly flow calculation was then completed to determine the average ratio over the past five years of the 'Average 3-Month Consecutive Maximum Flows' to the 'Average Annual Monthly Flows'. That ratio was then multiplied by the projected average annual flow to calculate the 3-consecutive maximum monthly flow. The maximum monthly loading was also determined based on the average ratio of maximum month loadings to average loadings, times the projected average loading. The projected results have been shown on the graphs in **Attachments B and C**.

5. Projected Overload Conditions

Based on the hydraulic loading data, the plant is not currently nor projected to be hydraulicly overloaded in the next five years.

Based on the organic loading data, the plant is not currently nor projected to be organically overloaded in the next five years.

7. Industrial Waste Report

The PAWC's PUC approved tariff provides for the regulation of sanitary sewer waste which includes a provision on industrial waste discharge to PAWC's system.

The Butler system currently has seven industrial users that discharge industrial waste to their system. The listing of the industrial users is found in the Pretreatment Performance Summary provided as **Attachment I**.

A service application is required for connection to PAW's system. PAW reviews the applications for potential industrial users. No new industrial users were connected to the system in Year **2024**.

8. Collection System Extensions

Shown in **Attachment G** is a listing of extensions to the sewage collection system made by developers during year 2024.

9. Wastewater Facilities Monitoring, Maintenance, Repair and Rehabilitation

Plant / Lift Station Facilities

PAWC is responsible for the operation and maintenance of a 10.0 MGD WWTP, twenty-three (23) lift stations, four (4) wet weather stations, collection and conveyance sewers, and three (3) wet weather storage tank farms. The local operational staff oversees the operation of the WWTP & Lift Stations includes an Operation Plant Supervisor and twelve (12) full time operators. Provided in **Attachment E** are operating certificates of key personnel. The operators work 8-hour days Monday through Friday, and one or more operators work on Saturday and Sunday.

In addition to the influent/effluent sampling, PAWC personnel check the plant and lift stations daily, lubrication of equipment either weekly or monthly, change the oil for equipment on a routine basis, the need for pump unit and appurtenances repairs and replacements, motor control center operations, clean air filters and blowers routinely, exercise standby power generators and perform general housekeeping both inside and outside to keep the facilities clean. Records are kept of all maintenance, inspection, and repairs. Outside contractors are employed as may be necessary, both mechanical and electrical.

Provided in **Attachment H** is a summary of the lift stations with rated pumping capacity, average daily flow recorded in 2024, and projected flows for 2025 and 2026.

In 2019 the former Authority engaged in a Corrective Action Plan with the Pennsylvania Department of Environmental Protection for the purpose of eliminating recurring wet weather sanitary overflows at the following lift stations: Fisher Heights, Brewster, Brewster Booster, Greenwood, Benbrook, and Bryson. As of January 2025, PAWC entered a new CAP with continued efforts at these lift stations.

Collection System

The collection system operation staff consists of two (2) Supervisors and ten (10) full time Operators who maintain the collection system. The group conducts routine sewer system cleaning, CCTV inspections, installations of flow monitoring equipment and select system piping and manhole repairs, replacements and rehabilitations. Additionally, inspections of manholes and CCTV piping inspections are performed.

Outside service contractors are also employed to assist with repair, replacement and rehabilitations as may be required. Major equipment on location includes a Kubota compact excavator, John Deer rubber tire backhoe, International and Ford dump trucks, Vactor Model 2100 combination sewer cleaner for pressure water jetting and high-flow vacuum, Sewer Equipment Company of America Model Eco 900 pressure water jetting and vacuum, and CCTV equipment by Aires Industries mounted in a customized Ford van.

Monitoring includes inspection of the wastewater collection and conveyance system to resolve problems identified. Manhole inspections are conducted to locate and mitigate sources of infiltration/inflow, and to identify signs of sewage flow backups, or structural defects that would require repair. Sanitary sewer

cleaning operations and CCTV inspections are routinely performed to access piping conditions, or to identify areas of excessive infiltration/inflow.

PAWC complies with those conditions of PART B of the Permit, along with Other Requirements as specified in PART C. Effluent Limitations, Monitoring, Recordkeeping and Reporting Requirements in accordance with PART A.1.A. of the NPDES Permit.

The NPDES requirements for sampling of effluent discharges is listed below*:

Parameter	Frequency	Sample Type
Total Flow	Continuous	Measured
pH	Daily	Grab
Dissolved Oxygen	Daily	Grab
Total Residual Chlorine	Daily	Grab
CBOD (eff.)	Daily	24-hour composite
BOD5	Daily	24-hour composite
Total Suspended Solids (inf. and eff.)	Daily	24-hour composite
Fecal Coliform	Daily	Grab
Total Nitrogen	One per month	24-hour composite
Ammonia-Nitrogen	Daily	24-hour composite
Total Phosphorus	Daily	24-hour composite

**The Butler WWTP is currently waiting on final approval of the NPDES Permit renewal*

If a problem arises that PAWC operations staff need assistance to address, local contractors are available to assist with any emergencies. PAWC has master service agreements in place with contractors to provide select maintenance services, or to complete various mechanical/electrical projects. Below is a list of a few contractors that are available to PAWC:

Plant / Lift Station Facilities

1. Wright Electric, Inc. - Electrical
2. Bruce and Merrilees Electric Company - Electrical
3. TJ Grossman Construction - Mechanical
4. Horizon Construction Group – Mechanical

Collection System

1. Wilson Excavating – CCTV, excavation with pipe/manhole repairs /rehabilitation.
2. Insight Pipe Contracting Services – Sewer cleaning, CCTV, cured-in-place pipe lining, manhole and piping repairs, replacements and rehabilitation.
3. State Pipe Services - Sewer cleaning, CCTV, cured-in-place pipe lining, manhole and piping repairs, replacements and rehabilitation.

Completed in 2024 was the following significant maintenance:

Plant

1. Restructuring the chlorine contact square tank baffle walls
2. Replacement of Primary Tank #4 flight, chains and sprockets

As may become necessary, PAWC Operations staff, in accordance with the PUC approved Tariff; inspect all new developer related sewer system extensions and laterals. PAWC used a RIGID Mini-See Snake color sewer camera and reel system when required. As necessary, PAWC operations staff conduct inspections of sanitary sewer system extensions; and at times contract the services for the inspection of sewer extensions, repairs, replacement and rehabilitation projects.

With regards to solids handling, approximately **1494 dry US tons of sludge** was sent to the landfill in Year **2024**. Per the requirements of the NPDES permit, PAWC is to submit a "Sewage Sludge Management Inventory" that summarizes the

amount of sewage sludge and/or biosolids produced and disposed during **2024**. Refer to **Attachment J.**

10. Condition of Sewer System

The condition of the collection and conveyance sewers varies with the sections of sewer being constructed of PVC piping and precast concrete sections are considered in good condition, whereas aged portions of the system are constructed of VCP piping and brick manholes being in fair to poor condition. Collection and conveyance system replacements and improvements are in the planning and design phases, for subsequent years.

Collection System

1. Cured-in-Place pipelining on various collector sewers
2. Approximately 50 Manhole rehabilitations
3. Service lateral replacements by cured-in-place pipe lining, 17 lateral locations
4. CCTV various collector sewers at Teakwood Road, Greenhill Drive and Butler Memorial Park
5. Flushing of sewers
6. Approximately 70 Spot excavations for mains and laterals

11. Condition of Wastewater Lift Stations

PAWC operated and maintained twenty-three (23) lift stations, four (4) wet weather stations in the collection system in **2024**. Each lift station in the system has a force main that connects to the gravity system or directs flow to a wet weather tank farm at various locations.

These lift stations are in fair to good structural condition. The lift stations are checked daily, run time recorded, and wet well debris baskets and other screening

systems are cleaned out as required. In addition to preventative maintenance, the following work was performed in **2024**:

- Continued to install hardware and software for SCADA upgrades at Monroe Lift Station
- Replaced Deshon Lift Station unit #3 pump with valving

The present maximum flow, maximum pumping rate, and projected two-year maximum flow for each pump station in the Butler WW conveyance system are shown in **Attachment H**. Information was pulled from previous Chapter 94 submissions for design capacity for each station. For stations equipped with flow monitoring equipment, actual data was used.

12. Flow Meter Calibration

Provided as **Attachment K** is the calibration report for the influent flow measuring device at the WWTP. The meter utilizes a Parshall flume control device with flow level monitoring from the primary settling tanks effluent, converted to a rate of flow. The influent flow meter data presented in this report.

ATTACHMENT A

HYDRAULIC AND ORGANIC

LOADING TABLE

pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

PADEP Chapter 94 Spreadsheet
Sewage Treatment Plants

Reporting Year: 2024

Facility Name: Butler Wastewater Treatment Plant
Permit No.: PA0026697
Persons/EDU: 3

Existing Hydraulic Design Capacity: 10 MGD
Upgrade Planned in Next 5 Years? NO **Year:**
Future Hydraulic Design Capacity: MGD

Existing Organic Design Capacity: 12,750 lbs BOD5/day
Upgrade Planned in Next 5 Years? NO **Year:**
Future Organic Design Capacity: lbs BOD5/day

Monthly Average Flows for Past Five Years (MGD)

Month	2020	2021	2022	2023	2024
January	8.894	6.335	5.628	9.374	9.52
February	9.328	5.365	11.557	5.268	5.532
March	10.251	6.931	8.4	8.109	8.721
April	8.064	4.517	8.023	5.703	13.217
May	5.459	6.342	7.71	4.974	7.024
June	4.132	5.523	4.354	4.149	4.53
July	4.02	6.398	4.266	4.539	4.617
August	4.213	6.827	4.17	4.906	5.843
September	4.076	4.582	4.132	3.561	4.615
October	3.811	4.675	4.351	4.3	4.342
November	4.863	4.174	6.481	4.858	5.459
December	7.364	6.709	6.437	5.564	7.03
Annual Avg	6.206	5.698	6.292	5.442	6.704
Max 3-Mo Avg	9.491	6.355	9.327	7.584	9.654
Max : Avg Ratio	1.53	1.12	1.48	1.39	1.44
Existing EDUs					
Flow/EDU (GPD)					
Flow/Capita (GPD)					
Exist. Overload?	NO	NO	NO	NO	NO

Monthly Average BOD5 Loads for Past Five Years (lbs/day)

Month	2020	2021	2022	2023	2024
January	6,883	6,002	5,215	6,074	7,001
February	6,767	7,440	5,753	5,659	6,068
March	5,717	7,067	5,985	6,540	6,416
April	5,734	6,166	5,891	6,312	7,567
May	5,408	5,789	5,347	5,910	6,480
June	5,314	6,558	5,557	6,742	5,486
July	5,232	6,839	5,223	6,314	5,648
August	5,465	7,625	6,052	4,837	5,853
September	4,841	5,939	5,322	4,993	6,540
October	5,819	5,815	5,231	7,360	7,912
November	6,458	5,496	5,434	6,198	8,394
December	6,304	5,742	5,799	6,676	8,555
Annual Avg	5,829	6,373	5,567	6,135	6,827
Max Mo Avg	6,883	7,625	6,052	7,360	8,555
Max : Avg Ratio	1.18	1.20	1.09	1.20	1.25
Existing EDUs					
Load/EDU					
Load/Capita					
Exist. Overload?	NO	NO	NO	NO	NO

Projected Flows for Next Five Years (MGD)

	2025	2026	2027	2028	2029
New EDUs	227.0	227.0	227.0	227.0	227.0
New EDU Flow	0.07945	0.07945	0.07945	0.07945	0.07945
Proj. Annual Avg	6.148	6.22745	6.3069	6.38635	6.4658
Proj. Max 3-Mo Avg	8.559	8.669	8.78	8.891	9.001
Proj. Overload?	NO	NO	NO	NO	NO

Projected BOD5 Loads for Next Five Years (lbs/day)

	2025	2026	2027	2028	2029
New EDUs	227	227	227	227	227
New EDU Load	132.568	132.568	132.568	132.568	132.568
Proj. Annual Avg	6,279	6,411	6,544	6,676	6,809
Proj. Max Avg	7,431	7,587	7,744	7,901	8,058
Proj. Overload?	NO	NO	NO	NO	NO

Show Precipitation Data on Hydraulic Graph?

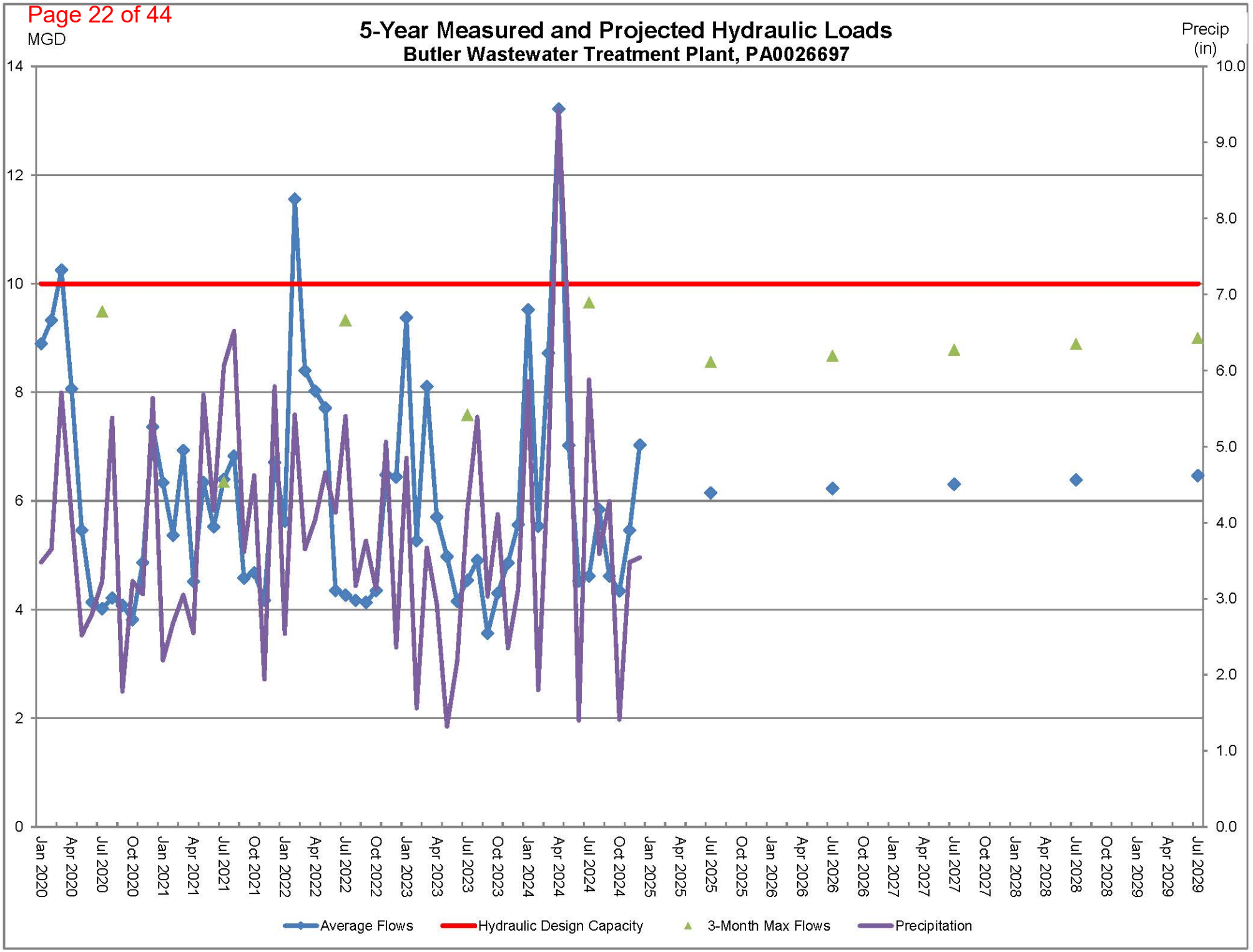
Total Monthly Precipitation for Past Five Years (Inches)

Month	2020	2021	2022	2023	2024
January	3.48	2.19	2.54	4.85	5.86
February	3.65	2.68	5.42	1.56	1.8
March	5.71	3.05	3.65	3.67	4.81
April	4.08	2.55	4.04	2.93	9.44
May	2.52	5.68	4.66	1.32	6.39
June	2.8	4.16	4.13	2.18	1.4
July	3.23	6.06	5.4	4.17	5.88
August	5.38	6.52	3.17	5.39	3.59
September	1.78	3.62	3.76	3.03	4.28
October	3.23	4.62	3.12	4.11	1.41
November	3.06	1.94	5.06	2.35	3.48
December	5.64	5.79	2.36	3.12	3.54

ATTACHMENT B

HYDRAULIC

LOADING GRAPH


5-Year Measured and Projected Hydraulic Loads
Butler Wastewater Treatment Plant, PA0026697
MGD
Precip (in)
14
12
10
8
6
4
2
0
10.0
9.0
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
Jan 2020
Apr 2020
Jul 2020
Oct 2020
Jan 2021
Apr 2021
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Apr 2022
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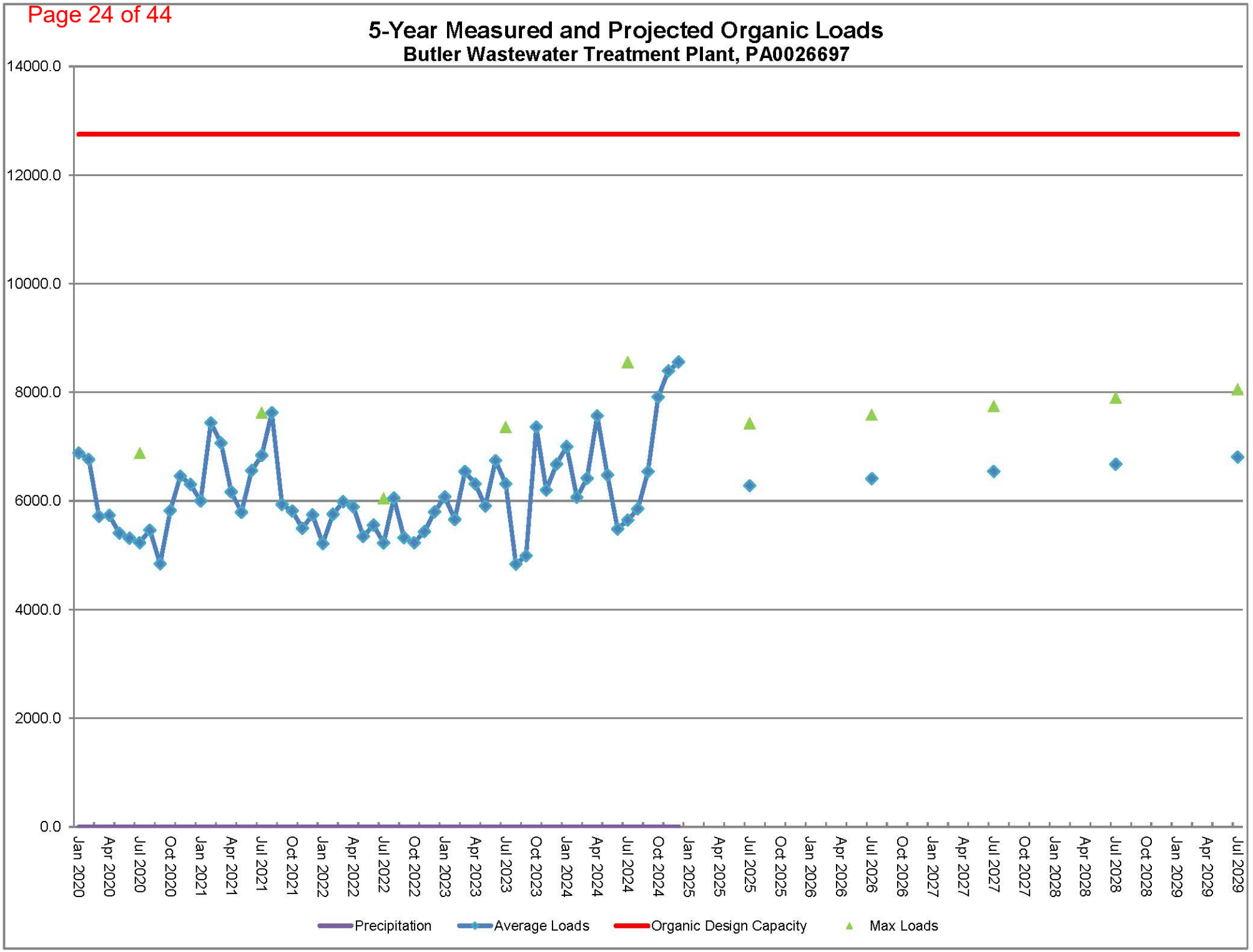
Jan 2028
Apr 2028
Jul 2028
Oct 2028
Jan 2029
Apr 2029
Jul 2029
Average Flows
Hydraulic Design Capacity
3-Month Max Flows
Precipitation

ATTACHMENT C

ORGANIC LOADING

GRAPH


5-Year Measured and Projected Organic Loads
Butler Wastewater Treatment Plant, PA0026697
14000.0
12000.0
10000.0
8000.0
6000.0
4000.0
2000.0
0.0
Jan 2020
Apr 2020
Jul 2020
Oct 2020
Jan 2021
Apr 2021
Jul 2021
Oct 2021
Jan 2022
Apr 2022
Jul 2022
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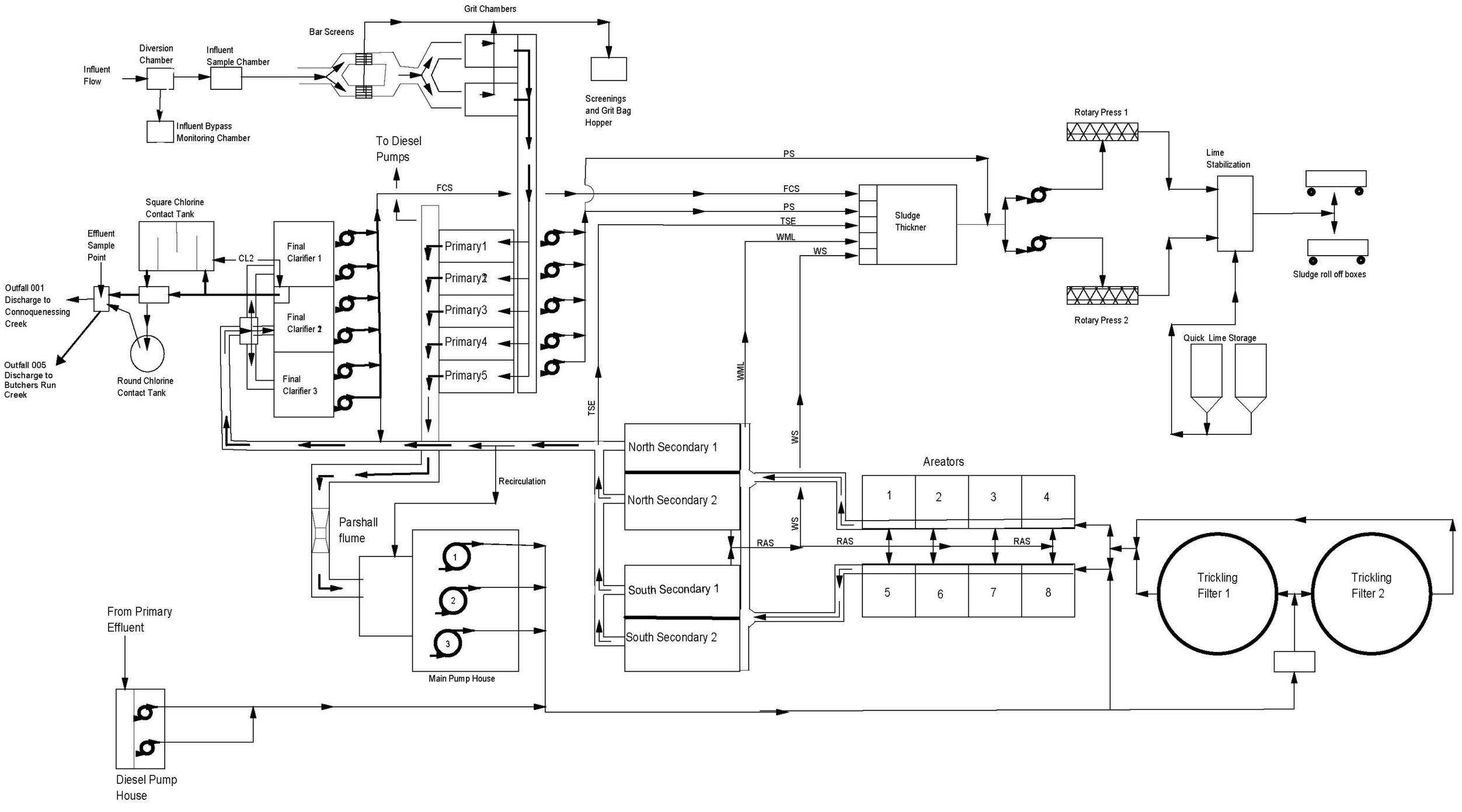
Jul 2028
Oct 2028
Jan 2029
Apr 2029
Jul 2029
Precipitation
Average Loads
Organic Design Capacity
Max Loads

ATTACHMENT D

WWTF PROCESS DIAGRAM

Butler Wastewater Plant Flow Diagram



ATTACHMENT E

CERTIFICATIONS AND TRAINING TRANSCRIPTS

FOR OPERATORS

Depatment of Environmental Protection Operator Licensing

NAME	Client ID	WASTEWATER SYSTEM	Class	Subclass	Issue Date	Expiration Date
Jon C. Natale	195742	X	A,E	1,2,3,4	Jan. 1, 2025	Dec. 31, 2027
Michelle L. Cavallo	199548	X	B,E	1,3,4	Oct.1, 2023	Sept. 30, 2026
Richard A. DiBiase	198824	X	A,E	1,2,4	Oct. 1, 2024	Sept. 30, 2027
Mason C. Miller	317299	X	A,E	1,2,4	Oct. 1, 2024	Sept. 30, 2027
Daniel R. Steere	331385	X	A,E	1,2,3,4	Jan. 1, 2023	Dec. 31, 2025

ATTACHMENT F

SANITARY SEWER OVERFLOW EVENTS

PAWC BUTLER WASTEWATER
2024 WASTEWATER SANITARY SEWER OVERFLOW EVENTS

ESTIMATED TOTAL = 24,221,548 gallons

	DATE	LOCATION	EST. AMOUNT (GAL)	DURATION (Hrs)	NOTES
1	1/2/2024	MH 8060	Unknown	Unknown	It was determined that the SSO was caused by the buildup of roots and debris
2	1/9/2024	Garden Grove LS - MH 0165	<3,000	3.3	A wastewater effluent check valve malfunctioned causing backpressure and reverse flow on one of the station's pumps
3	1/9/2024	Greenwood LS - Wet Well Overf	1,292	1.5	Hydraulic Overload Conditions due to Wet Weather Flows
4	1/9/2024	Brewster LS - Wet Well Overflow	24,174	17.2	Hydraulic Overload Conditions due to Wet Weather Flows
5	1/9/2024	MH 5691	Unknown	Unknown	An obstruction was made up of grease, silt and debris caused SSO
6	2/23/2024	MH 8078	Unknown	Unknown	An obstruction was made up of cleaning wipes and rags caused SSO
7	2/28/2024	MH 8060	Unknown	Unknown	An obstruction was made up of cleaning wipes and rags caused SSO
8	4/2/2024	Greenwood Overflow Meter	32,960	18.8	Hydraulic Overload Conditions due to Wet Weather Flows
9	4/2/2024	Greenwood MH 4666	Unknown	18.8	Hydraulic Overload Conditions due to Wet Weather Flows
10	4/2/2024	Bryson MH 4630	Unknown	13.5	Hydraulic Overload Conditions due to Wet Weather Flows
11	4/2/2024	Cupps MH 3669	Unknown	41.0	Hydraulic Overload Conditions due to Wet Weather Flows
12	4/2/2024	Rocklick MH 3523	Unknown	27.3	Hydraulic Overload Conditions due to Wet Weather Flows
13	4/2/2024	Fisher Heights Overflow Meter	40,208	20.7	Hydraulic Overload Conditions due to Wet Weather Flows
14	4/2/2024	Brewster Overflow Meter	333,629	10.8	Hydraulic Overload Conditions due to Wet Weather Flows
15	4/2/2024	Brewster MH 7501	Unknown		Hydraulic Overload Conditions due to Wet Weather Flows
16	4/2/2024	Garden Grove MH 0165	Unknown	21.5	Hydraulic Overload Conditions due to Wet Weather Flows
17	4/2/2024	Monroe PS	93,693	5.0	Hydraulic Overload Conditions due to Wet Weather Flows
18	4/2/2024	Monroe EQ Tanks	3,785,254	29.0	Hydraulic Overload Conditions due to Wet Weather Flows
19	4/2/2024	Deshon EQ Tanks	4,164,581	35.3	Hydraulic Overload Conditions due to Wet Weather Flows
20	4/2/2024	Central Storage EQ Tanks	2,563,292	29.8	Hydraulic Overload Conditions due to Wet Weather Flows
21	4/2/2024	MH 2182	Unknown	Unknown	Hydraulic Overload Conditions due to Wet Weather Flows
22	4/2/2024	MH 2181	Unknown	Unknown	Hydraulic Overload Conditions due to Wet Weather Flows
23	4/2/2024	MH 0001	Unknown	Unknown	Hydraulic Overload Conditions due to Wet Weather Flows
24	4/2/2024	MH 3720	Unknown	Unknown	Hydraulic Overload Conditions due to Wet Weather Flows
25	4/2/2024	MH 8065	Unknown	Unknown	Hydraulic Overload Conditions due to Wet Weather Flows
26	4/2/2024	MH 6020	Unknown	Unknown	Hydraulic Overload Conditions due to Wet Weather Flows
27	4/2/2024	MH 6130	Unknown	Unknown	Hydraulic Overload Conditions due to Wet Weather Flows
28	4/2/2024	MH 1021	Unknown	Unknown	Hydraulic Overload Conditions due to Wet Weather Flows
29	4/2/2024	Chlorine Contact Tank #1	Unknown	13.5	Hydraulic Overload Conditions due to Wet Weather Flows
30	4/11/2024	Greenwood Overflow Meter	25,903	6.5	Hydraulic Overload Conditions due to Wet Weather Flows
31	4/11/2024	Bryson MH 4630	Unknown	15.3	Hydraulic Overload Conditions due to Wet Weather Flows
32	4/11/2024	Cupps MH 3669	Unknown	38.0	Hydraulic Overload Conditions due to Wet Weather Flows
33	4/11/2024	Rocklick MH 3523	Unknown	32.5	Hydraulic Overload Conditions due to Wet Weather Flows
34	4/11/2024	Fisher Heights Overflow Meter	28,657	9.8	Hydraulic Overload Conditions due to Wet Weather Flows
35	4/11/2024	Brewster Overflow Meter	123,064	16.0	Hydraulic Overload Conditions due to Wet Weather Flows
36	4/11/2024	Brewster MH 7701	Unknown	16.0	Hydraulic Overload Conditions due to Wet Weather Flows
37	4/11/2024	Garden Grove MH 0165	Unknown	7.3	Hydraulic Overload Conditions due to Wet Weather Flows
38	4/11/2024	Zeigler PS	Unknown	8.3	Hydraulic Overload Conditions due to Wet Weather Flows
39	4/11/2024	Township Line	Unknown		Hydraulic Overload Conditions due to Wet Weather Flows
40	4/11/2024	Monroe EQ Tanks	4,148,257	41.3	Hydraulic Overload Conditions due to Wet Weather Flows
41	4/11/2024	Deshon EQ Tanks	8,855,000		Hydraulic Overload Conditions due to Wet Weather Flows
42	4/11/2024	Center Avenue EQ Tanks	*		Hydraulic Overload Conditions due to Wet Weather Flows
43	4/11/2024	Chlorine Contact Tanks #1	Unknown	15.3	Hydraulic Overload Conditions due to Wet Weather Flows
44	4/11/2024	Chlorine Contact Tank #2	Unknown	14.8	Hydraulic Overload Conditions due to Wet Weather Flows
45	4/11/2024	MH 2024	Unknown	Unknown	Hydraulic Overload Conditions due to Wet Weather Flows
46	4/11/2024	MH 5689	Unknown	Unknown	Hydraulic Overload Conditions due to Wet Weather Flows
47	4/11/2024	MH 5302	Unknown	Unknown	Hydraulic Overload Conditions due to Wet Weather Flows
48	4/11/2024	MH 5727	Unknown	Unknown	Hydraulic Overload Conditions due to Wet Weather Flows
49	4/11/2024	MH 6235	Unknown	Unknown	Hydraulic Overload Conditions due to Wet Weather Flows
50	4/11/2024	MH 5727	Unknown	Unknown	Hydraulic Overload Conditions due to Wet Weather Flows
51	6/10/2024	MH 8235	Unknown	Unknown	It was determined that the SSO was caused by the buildup of roots and debris
52	7/31/2024	MH 6056	Unknown	Unknown	Hydraulic Overload Conditions due to Wet Weather Flows
53	8/7/2024	Greenwood LS - Wet Well Overf	1,584	2.0	Hydraulic Overload Conditions due to lost of power at site, Generator ran out of fuel, Down power lines across access road.
54	12/9/2024	MH 2518	Unknown	Unknown	Blockage of Unknown Material found in pipe, spot repair required

ATTACHMENT G

System Extensions

BUTLER SEWER SYSTEM **CY 2024**

ASSETS	
Collector Sewer	1,394,750 LF
Force Main	54,222 LF
Manholes	6,476

Developer Projects

Development Name	**Status, CY 2024**	**Number of EDUs**
Autumn Woods	PaDEP Planning Approved, Building Units Under Construction	56
The Oaks at Dutchtown, Phase 1	PaDEP Planning Approved, Sewers Constructed 2024	32
Duffy Highlands, Phase 3	PaDEP Planning Approved, Building Units Under Construction, Sewers Constructed 2024	37
Highfield Trails, Phases 1 & 2	PaDEP Planning Approved, Building Units Under Construction	95
Summer Lake	PaDEP Planning Approved, Building Units Under Construction	4

CLAY TWP
CONCORD TWP
FRANKLIN TWP
CENTER TWP
OAKLAND TWP
BUTLER TWP
BUTLER CITY
EAST BUTLER BORO
SUMMIT TWP
CONNOQUENESSING TWP
FORWARD TWP
PENN TWP
JEFFERSON TWP

Fisher Heights Lift Station
Northvue Lift Station
Brewster Road Lift Station
Brewster Booster Lift Station
Duffy Highlands, Phase 3
Greenwood Drive Lift Station
Benbrook Road Lift Station
Bryson Road Lift Station
The Links Lift Station
Karns Crossing Lift Station
Diamond Street Lift Station
Monroe Street Lift Station
Negley Avenue Lift Station
Center Avenue Lift Station
Zeigler Lift Station
Pullman Center Lift Station
Deshon Area Lift Station
Rocklick Creek Lift Station
Cupps Road Lift Station
Butler Sewer Treatment Plant
Main Lift Station
Foxcroft Drive Lift Station
Highfield Trails
Summer Lake
Autumn Woods Phase 2
September Drive Lift Station
The Oaks at Dutchtown
Garden Grove Lift Station
Township Line Lift Station
Sugar Creek Lift Station

Coordinate System: NAD 1983 StatePlane Pennsylvania South FIPS 3702 Feet Projection: Lambert Conformal Conic

Legend

- LS — Lift Station
- WTP — Treatment Plant
- Gravity Main
- Force Main
- Service Territory
- Municipality

PENNSYLVANIA AMERICAN WATER

Date: 3/23/2023

1 inch = 4,200 feet

0 2,100 4,200 8,400 Feet

TO BE USED FOR REFERENCE ONLY
Although every effort has been made to ensure the accuracy of the information, errors and conditions originating from physical sources to develop the information may be reflected in the data supplied.

Document Path: \\amwater.net\gis\gisuserdata\Pennsylvania\Acquisitions\Butler County\BASA\ACT 537 Plan\Act537_BASA.mxd

Acquisition of Butler Area Sewer Authority's Sewage Facilities by Pennsylvania American Water Act 537 Plan Butler County, Pennsylvania

Drawn By: MW

Lift Station	Design Capacity		Average Daily Flow 2024	Projected 2-Year Average Daily Flow, 2026	Average Percent Utilization
	GPM	GPD	GPD	GPD	
Brewster Road	600	864,000	**141,800**	149,800	**16%**
Brewster Booster	600	864,000	**162,800**	170,800	**19%**
Bryson Road	500	720,000	**187,200**	197,000	**26%**
Center Avenue	300	432,000	**60,000**	70,000	**14%**
Cupps Road	400 (1 pump operating), 700 (2 pumps operating)	576,000	**404,800**	415,000	**70%**
Deshon	1,750 (2 pumps operating)	2,520,000	**1,285,200**	1,285,000	**51%**
Diamond Street	100	144,000	**29,800**	40,000	**21%**
Fisher Heights	250	360,000	**28,000**	28,000	**8%**
Greenwood Drive	500	720,000	**147,200**	159,200	**20%**
Karns Crossing	1,800 (2 pumps operating)	2,592,000	**69,200**	80,000	**3%**
Monroe Street	2,250 (2 pumps operating)	3,240,000	**1,317,000**	1,327,000	**41%**
Negley Avenue	420	604,800	**89,400**	100,000	**15%**
Northvue	280	403,200	**9,200**	20,000	**2%**
Rocklick	550 (one pump operating), 1,050 (2 pumps operating)	792,000	**389,600**	400,000	**49%**
Township Line	90 (2 pumps operating)	129,600	**33,600**	43,000	**26%**
Zeigler Avenue	150	216,000	**14,000**	24,000	**6%**
Benbrook Road	500	720,000	No Flow Meter		
Garden Grove	320	460,800	No Flow Meter		
Pullman Center	65	93,600	**5,400**		**6%**
September Drive	75	108,000	No Flow Meter		
Sugar Creek	80	115,200	**4,000**		**3%**
Links	30	43,200	No Flow Meter		
Foxcroft	40	57,600	No Flow Meter		

Lift Station	Design Capacity		Average Daily Flow 2024	Projected 2-Year Average Daily Flow, 2026	Average Percent Utilization
	GPM	GPD	GPD	GPD	
Brewster Road	600	864,000	**141,800**	149,800	**16%**
Brewster Booster	600	864,000	**162,800**	170,800	**19%**
Bryson Road	500	720,000	**187,200**	197,000	**26%**
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Garden Grove	320	460,800	No Flow Meter		
Pullman Center	65	93,600	**5,400**		**6%**
September Drive	75	108,000	No Flow Meter		
Sugar Creek	80	115,200	**4,000**		**3%**
Links	30	43,200	No Flow Meter		
Foxcroft	40	57,600	No Flow Meter		

ATTACHMENT I

INDUSTRIAL PRETREATMENT PERFORMANCE SUMMARY

PENNSYLVANIA AMERICAN WATER

Pretreatment Performance Summary

I. General Information

Facility Name: PAWC – Butler Wastewater Plant
Facility Type: non-POTW
Address:100 Litman Rd.
City: Butler State: PA Zip: 16001
Contact Person: Mason Miller
Contact Title: Supervisor, Water Quality & Environmental Comliance
Contact Telephone Number: 724-961-4851
E-mail Address: mason.miller@amwater.com
NPDES No: PA0026697
Permit Issuance Date: 09/01/2018 Expiration Date: 08/31/2023
Reporting Period: 01/01/2024 to 12/31/2024
Total Categorical IUs (CIUs): Two
Total Nonsignificant CIUs (NSCIUs): Zero
Total Significant Noncategorical IUs (SNIUs): One

I certify that the information contained in this report and attachments is complete and accurate to the best of my knowledge.

Mason Miller
Name of Authorized Representative (Print)

Super., Water Quality Qual. & Env. Comp.
Title (Print)

Mason Miller
Signature

02-17-2025
Date

Pretreatment Annual Report

I. Industrial User List

Name	Address
1. JSP International	150 East Brook Ln., Butler, Pa 16002
2. Metalized Ceramics for Electronics (MCE)	119 Grant Ave., East Butler, Pa 16029
3. Cleveland Cliffs Steel Corp.	210 Pittsburgh Rd., Butler, Pa 16001
4. Pa American Water Company	207 Oneida Valley Rd., Butler, Pa 16001
5. Linde Gas North America	210 Pittsburgh Rd., Butler, Pa 16001
6. Air Products and Chemicals	300 Schaffner Rd., Lyndora, Pa 16045
7. SGK, Inc.	500 Grant Ave., East Butler, Pa 16029

II. Summary of Hauled in Waste

Waste Type	Receiving Location
1. Domestic	No formal Location
2. Commercial	No formal Location
3. Industrial	No formal Location

Industrial Waste (name/address)	Avg daily volume received	Process Description	Controls imposed
1. None Received	0		

III. Inspection and Sampling Summary

Compliance Monitoring Activity	No. completed
1. Annual inspections	7 (BASA performed)
2. Compliance inspections	7 (BASA performed)
3. Sampling events	6 (BASA collected). Cleveland Cliffs had no process discharge in 2024.

Facilities not inspected and/or sampled	Reason
1. All permitted Facilities were inspected by Butler Area Sewer Authority in 2024.	

IV. Enforcement Summary

Facility	Violation	Actions taken
1. JSP International	Late BASA July Report (5 days past due)	Informal NOV
2. Air Products and Chemicals	BASA - Compliance Inspection pH under 5.	Informal NOV - Resample
3. SGK, Inc.	BASA - Meter Malfunction/Reporting Non-Compliance	NOV-New meter install
4. SGK, Inc.	BASA – Compliance sampling Violation	NOV- Montor Pollutants using permit schedule

V. Summary of Interference, Pass Through or NPDES Permit Violations

Event	Type*	Caused by IU?**	Action Taken
1. N/A	N/A	N/A	N/A

*I=interference; P=pass through; V=permit violation
**If Yes; identify IU

VI. Summary of Program Changes

Butler Area Sewer Authority was purchased by Pa American Water Company (PAWC) on October 29, 2024. The information found in this report represents the period from January 1, 2024 to December 31, 2024. PAWC - Butler Wastewater Plant is conducting a review of its industrial users to determine where industrial permits are necessary. At this time no industrial permits have been issued in Butler.

Attachments:

1. Influent Quarterly Local Limit/Annual Priority Pollutant Analysis Report
2. Effluent Quarterly Local Limit Analysis Report
3. Sludge Quarterly Local Limit/Annual Priority Pollutant Analysis Report

ATTACHMENT J

SEWAGE SLUDGE MANAGEMENT INVENTORY

2024 BUTLER WWTP
SEWAGE SLUDGE MANAGEMENT INVENTORY

This document is designed as a diagnostic aid in the estimation of sludge quantities produced at a well operated wastewater treatment plant. The calculations are based upon the observations made at hundreds of facilities. The sourse document is the EPA Program Approach"Handbook "Improving POTW Performance Using the Composite Correction.

Required Information

1. Average Daily Flow and Average Daily Loading	6.704	mgd	6,827 lbs
2. BOD_{inf}	122.1	mg/l	
3. BOD_{eff}	5.6	mg/l	
4. Digester Capacity	65,000	gallons	
5. Waste Sludge (combined w/ primary)	45,000	mg/l	
6. % solids of sludge leaving plant	29.51	%	
7. Monitoring Period	365	days	

STEP 1: Calculate the pounds of BOD being removed by the plant.
(BOD_{inf} - BOD_{eff}) x flow, mgd x 8.34 = pounds/day $BOD_{removed}$ **6,513** lbs/day

STEP 2: Convert pounds/day BOD to pounds/day TSS removed
Pounds/day $BOD_{removed}$ x TSS/BOD factor = Pounds/day $TSS_{removed}$ **11,072** lbs/day
(from step 1) (see Table #1)

STEP 3: Determine sludge feed rate to digesters
(from step #2)
$\frac{(\text{Pounds/day TSS}) \times 10^6}{(\text{WAS}_{conc} \times 8.34)}$ = sludge feed rate, gpd **29,502** gal/day

STEP 4: Determine Digester Hydraulic Detection Time (HDT)
$\frac{\text{Digester Capacity, gallons}}{\text{(Sludge Feed Rate, gpd)}}$ = HDT, days **2** days
(from step #3)

STEP 5: Estimate Volatile Solid destruction using HDT **0.35**
(see Table #2)

STEP 6: Calculate digested solids amount

TSS x (1.0 - Total Solids Reduction) = Solids Produced, #/d **7197** lbs/day
(from step # 2) (from step # 5)

STEP 7: Calculate sludge production in dry tons/monitoring period

$\frac{\text{lb/day dry solids produced}}{2000}$ x Mon. Period = sludge, dry tons/mon. period **1,313** dry tons per monitoring period
(from step #6)

STEP 8: Determine (+/-) 15% range of calculated value for dry tons.

Total Dry US Tons Disposed of in monitoring period **1,493.6** Dry US Tons

Low Range 0.85 x 1,313 = 1,116 , Dry US Tons in monitoring Period

High Range 1.15 x 1,313 = 1,510 , Dry US Tons in monitoring Period

This calculation should be within ± 15% of actual production of a well operated facility

Source : EPA Handbook "Improving POTW Performance Using the Composite Correction Program Approach" EPA-625/6-84-008

TABLE 1

Process Type	$TSS_{sludge}/BOD_{removed}$
Primary Clarification	1.7
Activated Sludge with Primary Clarification	0.7
Activated Sludge w/o Primary Clarification	
Conventional	0.85
Extended Aeration	0.65
Contact Stabilization	1.00
Attached Growth (TF, RBC, ABF)	1.00

TABLE 2

	Digester HDT	Total Solids Reduction
Aerobic Digesters	Days	%
Following Extended	10	10
Aeration (MCRT>20 days)	15	20
	20	30
	30	35
Aerobic Digesters	10	20
Following Conventional	15	35
Activated Sludge (MCRT<12)	20	40
Anaerobic Digesters for	20	25
Activated + Primary, and	30	35
Fixed Film (Supernating	40	45
Capability Useable)		

TABLE 3

Typical Sludge Concentrations for Suspended Growth POTW's

Sludge Type	Waste Concentrations mg/1
Primary	50,000
Activated	
Return Sludge/Conventional	6,000
Return Sludge/Extended	7,500
Return Sludge/Cont. Stab	8000
Return Sludge/small plants with low SOR	10,000
Separate waste hopper in clarifier	12,000
Primary + Trickling Filter	45,000
Primary + RBC	45,000
Primary + ABF	35,000
Trickling Filter	30,000
RBC	30,000
ABF	12,000

ATTACHMENT K

CALIBRATION REPORT FOR FLOWMETER

Calibration Certification

Equipment ID: FIT 101-01
Site: BASA Plant
Type Of Meter: Level meter on flume
Location: Parshal Flume - Penthouse #2
Manufacturer: Vega
Unit Status: New Sensor
Model No.: Met 861 Puls C21
Techician: Erick Rygo Frank McCall Rich DiBiase
Size/ Range: 0 - 30 mgd / 0 - 29.8 mgd
Cal. Date: 2-16-24
Frequency: Annual
Due Date: 5-23-24
Visual Codition: Replaced new

Remarks: Replace Puls C21 Thought unit was going bad found ~~card~~ card bad on communication switch to PLC changed input now working

Input Type: Puls C21 - Radar
Output Type: met 861

Physical, Signal or Both: Both Verified
Physical, Signal or Both: Signal Verified

Equipment Used: Tape measure - dipping stick w/ powder

Equipment Used: DVM - for 4-20mA

% Error Found: ~~<.1%~~ .7%
% Error Found: <.1%

Adjustment : YES NO
Adjustment : YES (NO)

% Error Post: .2%
% Error Post: Same

Notes: zero was slightly off span was good

Notes: out put to PLC is right on.

Calibrator Signature: Erick Rygo / Frank McCall
Date: 2/16/24

3800-PM-BCW0012 Rev. 10/2017
Permit

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER

pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

AUTHORIZATION TO DISCHARGE UNDER THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM DISCHARGE REQUIREMENTS FOR PUBLICLY OWNED TREATMENT WORKS (POTWs)

NPDES PERMIT NO: PA0026697

In compliance with the provisions of the Clean Water Act, 33 U.S.C. Section 1251 *et seq.* ("the Act") and Pennsylvania's Clean Streams Law, as amended, 35 P.S. Section 691.1 *et seq.*,

Butler Area Sewer Authority
100 Litman Road
Butler, PA 16001-3256

is authorized to discharge from a facility known as **Butler Area STP**, located in **Butler Township, Butler County**, to **Connoquenessing Creek (Outfall 001) and Butcher Run (Outfalls 005, 011-014 & 018)** in Watershed **20-C** in accordance in accordance with effluent limitations, monitoring requirements and other conditions set forth in Parts A, B and C hereof.

THIS PERMIT SHALL BECOME EFFECTIVE ON SEPTEMBER 1, 2018

THIS PERMIT SHALL EXPIRE AT MIDNIGHT ON AUGUST 31, 2023

The authority granted by this permit is subject to the following further qualifications:

1. If there is a conflict between the application, its supporting documents and/or amendments and the terms and conditions of this permit, the terms and conditions shall apply.

2. Failure to comply with the terms, conditions or effluent limitations of this permit is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application. (40 CFR 122.41(a))

3. A complete application for renewal of this permit, or notice of intent to cease discharging by the expiration date, must be submitted to DEP at least 180 days prior to the above expiration date (unless permission has been granted by DEP for submission at a later date), using the appropriate NPDES permit application form. (40 CFR 122.41(b), 122.21(d))

   In the event that a timely and complete application for renewal has been submitted and DEP is unable, through no fault of the permittee, to reissue the permit before the above expiration date, the terms and conditions of this permit, including submission of the Discharge Monitoring Reports (DMRs), will be automatically continued and will remain fully effective and enforceable against the discharger until DEP takes final action on the pending permit application. (25 Pa. Code §§ 92a.7(b), (c))

4. This NPDES permit does not constitute authorization to construct or make modifications to wastewater treatment facilities necessary to meet the terms and conditions of this permit.

DATE PERMIT ISSUED August 9, 2018 **ISSUED BY** /s/

John A. Holden, P.E.
Clean Water Program Manager
Northwest Regional Office

Permit No. PA0026697

PART A - EFFLUENT LIMITATIONS, MONITORING, RECORDKEEPING AND REPORTING REQUIREMENTS

I. A. For Outfall 001 , **Latitude** 40º 50' 21" , **Longitude** 79º 55' 13" , **River Mile Index** 43.73 , **Stream Code** 34025

Type of Effluent: Treated domestic sewage

1. The permittee is authorized to discharge during the period from **March 1, 2019** through **Permit Expiration Date**.

2. Based on the anticipated wastewater characteristics and flows described in the permit application and its supporting documents and/or amendments, the following effluent limitations and monitoring requirements apply (see also Additional Requirements and Footnotes).

Parameter	Effluent Limitations						Monitoring Requirements	
	Mass Units (lbs/day) (1)		Concentrations (mg/L)				Minimum (2) Measurement Frequency	Required Sample Type
	Average Monthly	Average Weekly	Minimum	Average Monthly	Maximum	Instant. Maximum		
Total Nitrogen	XXX	XXX	XXX	Report	XXX	XXX	1/month	24-Hr Composite

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location: Outfall 001 – after disinfection

PART A - EFFLUENT LIMITATIONS, MONITORING, RECORDKEEPING AND REPORTING REQUIREMENTS

I. B. For Outfall 001 , **Latitude** 40º 50' 21" , **Longitude** 79º 55' 13" , **River Mile Index** 43.73 , **Stream Code** 34025

Type of Effluent: Treated domestic sewage

1. The permittee is authorized to discharge during the period from **Permit Effective Date** through **Permit Expiration Date**.

2. Based on the anticipated wastewater characteristics and flows described in the permit application and its supporting documents and/or amendments, the following effluent limitations and monitoring requirements apply (see also Additional Requirements and Footnotes).

Parameter	Effluent Limitations						Monitoring Requirements	
	Mass Units (lbs/day) (1)		Concentrations (mg/L)				Minimum (2) Measurement Frequency	Required Sample Type
	Average Monthly	Weekly Average	Minimum	Average Monthly	Weekly Average	Instant. Maximum		
Flow (MGD)	Report	Report	XXX	XXX	XXX	XXX	Continuous	Measured
pH (S.U.)	XXX	XXX	6.0 Inst Min	XXX	XXX	9.0	1/day	Grab
Dissolved Oxygen	XXX	XXX	5.0 Inst Min	XXX	XXX	XXX	1/day	Grab
Total Residual Chlorine (TRC)*	XXX	XXX	XXX	0.33	XXX	1.1	1/day	Grab
Carbonaceous Biochemical Oxygen Demand (CBOD5) Nov 1 - Apr 30	2001	3002	XXX	24	36	48	1/day	24-Hr Composite
Carbonaceous Biochemical Oxygen Demand (CBOD5) May 1 - Oct 31	1001	1501	XXX	12	18	24	1/day	24-Hr Composite
Biochemical Oxygen Demand (BOD5) Raw Sewage Influent	Report	XXX	XXX	Report	XXX	XXX	1/day	24-Hr Composite
Total Suspended Solids Raw Sewage Influent	Report	XXX	XXX	Report	XXX	XXX	1/day	24-Hr Composite
Total Suspended Solids	2502	3753	XXX	30	45	60	1/day	24-Hr Composite
Fecal Coliform (No./100 ml) Oct 1 - Apr 30	XXX	XXX	XXX	2000 Geo Mean	XXX	10000	1/day	Grab

Outfall 001, Continued (from Permit Effective Date through Permit Expiration Date)

Parameter	Effluent Limitations						Monitoring Requirements	
	Mass Units (lbs/day) (1)		Concentrations (mg/L)				Minimum (2) Measurement Frequency	Required Sample Type
	Average Monthly	Weekly Average	Minimum	Average Monthly	Weekly Average	Instant. Maximum		
Fecal Coliform (No./100 ml) May 1 - Sep 30	XXX	XXX	XXX	200 Geo Mean	XXX	1000	1/day	Grab
Ammonia-Nitrogen Nov 1 - Apr 30	459	XXX	XXX	5.5	XXX	11	1/day	24-Hr Composite
Ammonia-Nitrogen May 1 - Oct 31	167	XXX	XXX	2	XXX	4	1/day	24-Hr Composite
Total Phosphorus	167	XXX	XXX	2	XXX	4	1/day	24-Hr Composite

* Refer to Special Condition V - Requirements for Total Residual Chlorine

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location: Outfall 001 – after disinfection, except for influent sampling.

Permit No. PA0026697

PART A - EFFLUENT LIMITATIONS, MONITORING, RECORDKEEPING AND REPORTING REQUIREMENTS

I. C. For Outfall 005 **, Latitude** 40º 50' 29" **, Longitude** 79º 55' 06" **, River Mile Index** 0.1 **, Stream Code** 35116

Type of Effluent: Treated domestic sewage

1. The permittee is authorized to discharge during the period from **Permit Effective Date** through **Permit Expiration Date**.

2. Based on the anticipated wastewater characteristics and flows described in the permit application and its supporting documents and/or amendments, the following effluent limitations and monitoring requirements apply (see also Additional Requirements and Footnotes).

Parameter	Effluent Limitations						Monitoring Requirements	
	Mass Units (lbs/day) (1)		Concentrations (mg/L)				Minimum (2) Measurement Frequency	Required Sample Type
	Average Monthly	Weekly Average	Minimum	Average Monthly	Weekly Average	Instant. Maximum		

This outfall is for emergency use only. Any discharge from this outfall shall met the same effluent limitations and monitoring requirements imposed on Outfall 001.

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location: Outfall 001 monitoring point.

PART A - EFFLUENT LIMITATIONS, MONITORING, RECORDKEEPING AND REPORTING REQUIREMENTS (Continued)

Additional Requirements

1. The permittee may not discharge:

   a. Floating solids, scum, sheen or substances that result in observed deposits in the receiving water. (25 Pa Code § 92a.41(c))

   b. Oil and grease in amounts that cause a film or sheen upon or discoloration of the waters of this Commonwealth or adjoining shoreline, or that exceed 15 mg/l as a daily average or 30 mg/l at any time (or lesser amounts if specified in this permit). (25 Pa. Code § 92a.47(a)(7), § 95.2(2))

   c. Substances in concentration or amounts sufficient to be inimical or harmful to the water uses to be protected or to human, animal, plant or aquatic life. (25 Pa Code § 93.6(a))

   d. Foam or substances that produce an observed change in the color, taste, odor or turbidity of the receiving water, unless those conditions are otherwise controlled through effluent limitations or other requirements in this permit. For the purpose of determining compliance with this condition, DEP will compare conditions in the receiving water upstream of the discharge to conditions in the receiving water approximately 100 feet downstream of the discharge to determine if there is an observable change in the receiving water. (25 Pa Code § 92a.41(c))

2. The monthly average percent removal of BOD_5 or $CBOD_5$ and TSS must be at least 85% for POTW facilities on a concentration basis except where 25 Pa. Code 92a.47(g) and (h) are applicable to facilities with combined sewer overflows (CSOs) or as otherwise specified in this permit. (25 Pa. Code § 92a.47(a)(3))

3. If the permit requires the reporting of average weekly statistical results, the maximum weekly average concentration and maximum weekly average mass loading shall be reported, regardless of whether the results are obtained for the same or different weeks.

4. The permittee shall monitor the sewage effluent discharge(s) for the effluent parameters identified in the Part A limitations table(s) during all bypass events at the facility, using the sample types that are specified in the limitations table(s). Where the required sample type is “composite”, the permittee must commence sample collection within one hour of the start of the bypass, wherever possible. The results shall be reported on the Daily Effluent Monitoring supplemental form (3800-FM-BCW0435) and be incorporated into the calculations used to report self-monitoring data on Discharge Monitoring Reports (DMRs).

Footnotes

(1) When sampling to determine compliance with mass effluent limitations, the discharge flow at the time of sampling must be measured and recorded.

(2) This is the minimum number of sampling events required. Permittees are encouraged, and it may be advantageous in demonstrating compliance, to perform more than the minimum number of sampling events.

Supplemental Information

(1) The hydraulic design capacity of million gallons per day for the treatment facility is used to prepare the annual Municipal Wasteload Management Report to help determine whether a "hydraulic overload" situation exists, as defined in Title 25 Pa. Code Chapter 94.

(2) The effluent limitations for Outfalls 001 were determined using effluent discharge rates of 10 MGD.

(3) The organic design capacity of 12750 lbs BOD_5 per day for the treatment facility is used to prepare the annual Municipal Wasteload Management Report to determine whether an “organic overload” condition exists, as defined in 25 Pa. Code Chapter 94.

(4) Total Nitrogen is the sum of Total Kjeldahl-N (TKN) plus Nitrite-Nitrate as N (NO_2+NO_3-N), where TKN and NO_2+NO_3-N are measured in the same sample.

II. DEFINITIONS

At Outfall (XXX) means a sampling location in outfall line XXX below the last point at which wastes are added to outfall line (XXX), or where otherwise specified.

Average refers to the use of an arithmetic mean, unless otherwise specified in this permit. (40 CFR 122.41(l)(4)(iii))

Best Management Practices (BMPs) means schedules of activities, prohibitions of practices, maintenance procedures and other management practices to prevent or reduce the pollutant loading to surface waters of the Commonwealth. The term also includes treatment requirements, operating procedures and practices to control plant site runoff, spillage or leaks, sludge or waste disposal, or drainage from raw material storage. The term includes activities, facilities, measures, planning or procedures used to minimize accelerated erosion and sedimentation and manage stormwater to protect, maintain, reclaim, and restore the quality of waters and the existing and designated uses of waters within this Commonwealth before, during and after earth disturbance activities. (25 Pa. Code § 92a.2)

Bypass means the intentional diversion of waste streams from any portion of a treatment facility. (40 CFR 122.41(m)(1)(i))

Calendar Week is defined as the seven consecutive days from Sunday through Saturday, unless the permittee has been given permission by DEP to provide weekly data as Monday through Friday based on showing excellent performance of the facility and a history of compliance. In cases when the week falls in two separate months, the month with the most days in that week shall be the month for reporting.

Clean Water Act means the Federal Water Pollution Control Act, as amended (33 U.S.C.A. §§ 1251 to 1387).

Composite Sample (for all except GC/MS volatile organic analysis) means a combination of individual samples (at least eight for a 24-hour period or four for an 8-hour period) of at least 100 milliliters (mL) each obtained at spaced time intervals during the compositing period. The composite must be flow-proportional; either the volume of each individual sample is proportional to discharge flow rates, or the sampling interval is proportional to the flow rates over the time period used to produce the composite. (EPA Form 2C)

Composite Sample (for GC/MS volatile organic analysis) consists of at least four aliquots or grab samples collected during the sampling event (not necessarily flow proportioned). The samples must be combined in the laboratory immediately before analysis and then one analysis is performed. (EPA Form 2C)

Daily Average Temperature means the average of all temperature measurements made, or the mean value plot of the record of a continuous automated temperature recording instrument, either during a calendar day or during the operating day if flows are of a shorter duration.

Daily Discharge means the discharge of a pollutant measured during a calendar day or any 24-hour period that reasonably represents the calendar day for purposes of sampling. For pollutants with limitations expressed in units of mass, the "daily discharge" is calculated as the total mass of the pollutant discharged over the day. For pollutants with limitations expressed in other units of measurement, the "daily discharge" is calculated as the average measurement of the pollutant over the day. (25 Pa. Code § 92a.2, 40 CFR 122.2)

Daily Maximum Discharge Limitation means the highest allowable "daily discharge."

Discharge Monitoring Report (DMR) means the DEP or EPA supplied form(s) for the reporting of self-monitoring results by the permittee. (25 Pa. Code § 92a.2, 40 CFR 122.2)

Estimated Flow means any method of liquid volume measurement based on a technical evaluation of the sources contributing to the discharge including, but not limited to, pump capabilities, water meters and batch discharge volumes.

Geometric Mean means the average of a set of n sample results given by the n^{th} root of their product.

Grab Sample means an individual sample of at least 100 mL collected at a randomly selected time over a period not to exceed 15 minutes. (EPA Form 2C)

Hauled-In Wastes means any waste that is introduced into a treatment facility through any method other than a direct connection to the sewage collection system. The term includes wastes transported to and disposed of within the treatment facility or other entry points within the collection system.

Hazardous Substance means any substance designated under 40 CFR Part 116 pursuant to Section 311 of the Clean Water Act. (40 CFR 122.2)

Immersion Stabilization (i-s) means a calibrated device is immersed in the wastewater until the reading is stabilized.

Indirect Discharger means a non-domestic discharger introducing pollutants to a Publicly Owned Treatment Works (POTW) or other treatment works. (25 Pa. Code § 92a.2, 40 CFR 122.2)

Industrial User means a source of Indirect Discharge. (40 CFR 403.3)

Instantaneous Maximum Effluent Limitation means the highest allowable discharge of a concentration or mass of a substance at any one time as measured by a grab sample. (25 Pa. Code § 92a.2)

Measured Flow means any method of liquid volume measurement, the accuracy of which has been previously demonstrated in engineering practice, or for which a relationship to absolute volume has been obtained.

Monthly Average Discharge Limitation means the highest allowable average of "daily discharges" over a calendar month, calculated as the sum of all "daily discharges" measured during a calendar month divided by the number of "daily discharges" measured during that month. (25 Pa. Code § 92a.2)

Municipality means a city, town, borough, county, township, school district, institution, authority or other public body created by or pursuant to State law and having jurisdiction over disposal of sewage, industrial wastes, or other wastes. (25 Pa. Code § 92a.2)

Municipal Waste means garbage, refuse, industrial lunchroom or office waste and other material, including solid, liquid, semisolid or contained gaseous material resulting from operation of residential, municipal, commercial or institutional establishments and from community activities; and sludge not meeting the definition of residual or hazardous waste under this section from a municipal, commercial or institutional water supply treatment plant, waste water treatment plant or air pollution control facility. (25 Pa. Code § 271.1)

Publicly Owned Treatment Works (POTW) means a treatment works as defined by §212 of the Clean Water Act, owned by a state or municipality. The term includes any devices and systems used in the storage, treatment, recycling and reclamation of municipal sewage or industrial wastes of a liquid nature. The term also includes sewers, pipes or other conveyances if they convey wastewater to a POTW providing treatment. The term also means the municipality as defined in section 502(4) of the Clean Water Act, which has jurisdiction over the indirect discharges to and the discharges from such a treatment works. (25 Pa Code § 92a.2, 40 CFR 122.2)

Residual Waste means garbage, refuse, other discarded material or other waste, including solid, liquid, semisolid or contained gaseous materials resulting from industrial, mining and agricultural operations and sludge from an industrial, mining or agricultural water supply treatment facility, wastewater treatment facility or air pollution control facility, if it is not hazardous. The term does not include coal refuse as defined in the Coal Refuse Disposal Control Act. The term does not include treatment sludges from coal mine drainage treatment plants, disposal of which is being carried on under and in compliance with a valid permit issued under the Clean Streams Law. (25 Pa Code § 287.1)

Severe Property Damage means substantial physical damage to property, damage to the treatment facilities that causes them to become inoperable, or substantial and permanent loss of natural resources that can reasonably be expected to occur in the absence of a bypass. Severe property damage does not mean economic loss caused by delays in production. (40 CFR 122.41(m)(1)(ii))

Stormwater means the runoff from precipitation, snow melt runoff, and surface runoff and drainage. (25 Pa. Code § 92a.2)

Stormwater Associated With Industrial Activity means the discharge from any conveyance that is used for collecting and conveying stormwater and that is directly related to manufacturing, processing or raw materials storage areas at an industrial plant, and as defined at 40 CFR §122.26(b)(14)(i) – (ix) and (xi) and 25 Pa. Code § 92a.2.

Toxic Pollutant means those pollutants, or combinations of pollutants, including disease-causing agents, which after discharge and upon exposure, ingestion, inhalation or assimilation into any organism, either directly from the environment or indirectly by ingestion through food chains may, on the basis of information available to DEP cause death, disease, behavioral abnormalities, cancer, genetic mutations, physiological malfunctions, including malfunctions in reproduction, or physical deformations in these organisms or their offspring. (25 Pa. Code § 92a.2)

Weekly Average Discharge Limitation means the highest allowable average of "daily discharges" over a calendar week, calculated as the sum of all "daily discharges" measured during a calendar week divided by the number of "daily discharges" measured during that week.

III. SELF-MONITORING, REPORTING AND RECORDKEEPING

A. Representative Sampling

1. Samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity (40 CFR 122.41(j)(1)). Representative sampling includes the collection of samples, where possible, during periods of adverse weather, changes in treatment plant performance and changes in treatment plant loading. If possible, effluent samples must be collected where the effluent is well mixed near the center of the discharge conveyance and at the approximate mid-depth point, where the turbulence is at a maximum and the settlement of solids is minimized. (40 CFR 122.48, 25 Pa. Code § 92a.61)

2. Records Retention (40 CFR 122.41(j)(2))

   Except for records of monitoring information required by this permit related to the permittee's sludge use and disposal activities which shall be retained for a period of at least 5 years, all records of monitoring activities and results (including all original strip chart recordings for continuous monitoring instrumentation and calibration and maintenance records), copies of all reports required by this permit, and records of all data used to complete the application for this permit shall be retained by the permittee for 3 years from the date of the sample measurement, report or application, unless a longer retention period is required by the permit. The 3-year period shall be extended as requested by DEP or the EPA Regional Administrator.

3. Recording of Results (40 CFR 122.41(j)(3))

   For each measurement or sample taken pursuant to the requirements of this permit, the permittee shall record the following information:

   a. The exact place, date and time of sampling or measurements.
   b. The person(s) who performed the sampling or measurements.
   c. The date(s) the analyses were performed.
   d. The person(s) who performed the analyses.
   e. The analytical techniques or methods used; and the associated detection level.
   f. The results of such analyses.

4. Test Procedures

   a. Facilities that test or analyze environmental samples used to demonstrate compliance with this permit shall be in compliance with laboratory accreditation requirements of Act 90 of 2002 (27 Pa. C.S. §§ 4101-4113) and 25 Pa. Code Chapter 252, relating to environmental laboratory accreditation.

   b. Test procedures (methods) for the analysis of pollutants or pollutant parameters shall be those approved under 40 CFR Part 136 or required under 40 CFR Chapter I, Subchapters N or O, unless the method is specified in this permit or has been otherwise approved in writing by DEP. (40 CFR 122.41(j)(4), 122.44(i)(1)(iv))

   c. Test procedures (methods) for the analysis of pollutants or pollutant parameters shall be sufficiently sensitive. A method is sufficiently sensitive when 1) the method minimum level is at or below the level of the effluent limit established in the permit for the measured pollutant or pollutant parameter; or 2) the method has the lowest minimum level of the analytical methods approved under 40 CFR Part 136 or required under 40 CFR Chapter I, Subchapters N or O, for the measured pollutant or pollutant parameter; or 3) the method is specified in this permit or has been otherwise approved in writing by DEP for the measured pollutant or pollutant parameter. Permittees have the option of providing matrix or sample-specific minimum levels rather than the published levels. (40 CFR 122.44(i)(1)(iv))

5. Quality/Assurance/Control

   In an effort to assure accurate self-monitoring analyses results:

   a. The permittee, or its designated laboratory, shall participate in the periodic scheduled quality assurance inspections conducted by DEP and EPA. (40 CFR 122.41(e), 122.41(i)(3))

   b. The permittee, or its designated laboratory, shall develop and implement a program to assure the quality and accurateness of the analyses performed to satisfy the requirements of this permit, in accordance with 40 CFR Part 136. (40 CFR 122.41(j)(4))

B. Reporting of Monitoring Results

1. The permittee shall effectively monitor the operation and efficiency of all wastewater treatment and control facilities, and the quantity and quality of the discharge(s) as specified in this permit. (25 Pa. Code §§ 92a.3(c), 92a.41(a), 92a.44, 92a.61(i) and 40 CFR §§ 122.41(e), 122.44(i)(1))

2. The permittee shall use DEP's electronic Discharge Monitoring Report (eDMR) system to report the results of compliance monitoring under this permit (see www.dep.pa.gov/edmr). Permittees that are not using the eDMR system as of the effective date of this permit shall submit the necessary registration and trading partner agreement forms to DEP's Bureau of Clean Water (BCW) within 30 days of the effective date of this permit and begin using the eDMR system when notified by DEP BCW to do so. (25 Pa. Code §§ 92a.3(c), 92a.41(a), 92a.61(g) and 40 CFR § 122.41(l)(4))

3. Submission of a physical (paper) copy of a Discharge Monitoring Report (DMR) is acceptable under the following circumstances:

   a. For a permittee that is not yet using the eDMR system, the permittee shall submit a physical copy of a DMR to the DEP regional office that issued the permit during the interim period between the submission of registration and trading partner agreement forms to DEP and DEP's notification to begin using the eDMR system.

   b. For any permittee, as a contingency a physical DMR may be mailed to the DEP regional office that issued the permit if there are technological malfunction(s) that prevent the successful submission of a DMR through the eDMR system. In such situations, the permittee shall submit the DMR through the eDMR system within 5 days following remedy of the malfunction(s).

4. DMRs must be completed in accordance with DEP's published DMR instructions (3800-FM-BCW0463). DMRs must be received by DEP no later than 28 days following the end of the monitoring period. DMRs are based on calendar reporting periods and must be received by DEP in accordance with the following schedule:

   - Monthly DMRs must be received within 28 days following the end of each calendar month.
   - Quarterly DMRs must be received within 28 days following the end of each calendar quarter, i.e., January 28, April 28, July 28, and October 28.
   - Semiannual DMRs must be received within 28 days following the end of each calendar semiannual period, i.e., January 28 and July 28.
   - Annual DMRs must be received by January 28, unless Part C of this permit requires otherwise.

5. The permittee shall complete all Supplemental Reporting forms (Supplemental DMRs) attached to this permit, or an approved equivalent, and submit the signed, completed forms as attachments to the DMR, through DEP's eDMR system. DEP's Supplemental Laboratory Accreditation Form (3800-FM-BCW0189) must be completed and submitted to DEP with the first DMR following issuance of this permit, and anytime thereafter when changes to laboratories or methods occur. (25 Pa. Code §§ 92a.3(c), 92a.41(a), 92a.61(g) and 40 CFR § 122.41(l)(4))

6. The completed DMR Form shall be signed and certified by either of the following applicable persons, as defined in 25 Pa. Code § 92a.22:

- For a corporation - by a principal executive officer of at least the level of vice president, or an authorized representative, if the representative is responsible for the overall operation of the facility from which the discharge described in the NPDES form originates.
- For a partnership or sole proprietorship - by a general partner or the proprietor, respectively.
- For a municipality, state, federal or other public agency - by a principal executive officer or ranking elected official.

If signed by a person other than the above and for co-permittees, written notification of delegation of DMR signatory authority must be submitted to DEP in advance of or along with the relevant DMR form. (40 CFR § 122.22(b))

7. If the permittee monitors any pollutant at monitoring points as designated by this permit, using analytical methods described in Part A III.A.4. herein, more frequently than the permit requires, the results of this monitoring shall be incorporated, as appropriate, into the calculations used to report self-monitoring data on the DMR. (40 CFR 122.41(l)(4)(ii))

C. Reporting and Notification Requirements

1. Planned Changes to Physical Facilities – The permittee shall give notice to DEP as soon as possible but no later than 30 days prior to planned physical alterations or additions to the permitted facility. A permit under 25 Pa. Code Chapter 91 may be required for these situations prior to implementing the planned changes. A permit application, or other written submission to DEP, can be used to satisfy the notification requirements of this section.

   Notice is required when:

   a. The alteration or addition to a permitted facility may meet one of the criteria for determining whether a facility is a new source in 40 CFR 122.29(b). (40 CFR 122.41(l)(1)(i))

   b. The alteration or addition could significantly change the nature or increase the quantity of pollutants discharged. This notification applies to pollutants which are not subject to effluent limitations in this permit. (40 CFR 122.41(l)(1)(ii))

   c. The alteration or addition results in a significant change in the permittee's sludge use or disposal practices, and such alteration, addition, or change may justify the application of permit conditions that are different from or absent in the existing permit, including notification of additional use or disposal sites not reported during the permit application process or not reported pursuant to an approved land application plan. (40 CFR 122.41(l)(1)(iii))

   d. The planned change may result in noncompliance with permit requirements. (40 CFR 122.41(l)(2))

2. Planned Changes to Waste Stream – Under the authority of 25 Pa. Code § 92a.24(a) and 40 CFR 122.42(b), the permittee shall provide notice to DEP and EPA as soon as possible but no later than 45 days prior to any planned changes in the volume or pollutant concentration of its influent waste stream as a result of indirect discharges or hauled-in wastes, as specified in paragraphs 2.a. and 2.b., below. Notice shall be provided on the “Planned Changes to Waste Stream” Supplemental Report (3800-FM-BCW0482), available on DEP’s website. The permittee shall provide information on the quality and quantity of waste introduced into the POTW, and any anticipated impact of the change on the quantity or quality of effluent to be discharged from the POTW (40 CFR 122.42(b)(3)). The Report shall be sent via Certified Mail or other means to confirm DEP’s receipt of the notification. DEP will determine if the submission of a new application and receipt of a new or amended permit is required.

   a. Introduction of New Pollutants (25 Pa. Code § 92a.24(a), 40 CFR 122.42(b)(1))

      New pollutants are defined as parameters that meet one or more of the following criteria:

(i) Any pollutants that were not detected in the facilities' influent waste stream as reported in the permit application; and have not been approved to be included in the permittee's influent waste stream by DEP in writing.

(ii) Any new introduction of pollutants into the POTW from an indirect discharger which would be subject to Sections 301 or 306 of the Clean Water Act if it were directly discharging those pollutants (40 CFR 122.42(b)(1)).

The permittee shall provide notification of the introduction of new pollutants in accordance with paragraph 2 above. The permittee may not authorize the introduction of new pollutants until the permittee receives DEP's written approval.

b. Increased Loading of Approved Pollutants (25 Pa. Code § 92a.24(a), 40 CFR 122.42(b)(2))

Approved pollutants are defined as parameters that meet one or more of the following criteria:

(i) Were detected in the facilities' influent waste stream as reported in the permittee's permit application; or have been previously approved to be included in the permittee's influent waste stream by DEP in writing.

(ii) Have an effluent limitation or monitoring requirement in this permit.

The permittee shall provide notification of the introduction of increased influent loading (lbs/day) of approved pollutants in accordance with paragraph 2 above when (1) the cumulative increase in influent loading (lbs/day) exceeds 20% of the maximum loading reported in the permit application, or a loading previously approved by DEP and/or EPA, or (2) may cause an exceedance in the effluent of Effluent Limitation Guidelines (ELGs) or limitations in Part A of this permit, or (3) may cause interference or pass through at the POTW, or (4) may cause exceedances of the applicable water quality standards in the receiving stream. Unless specified otherwise in this permit, if DEP does not respond to the notification within 30 days of its receipt, the permittee may proceed with the increase in loading. The acceptance of increased loading of approved pollutants may not result in an exceedance of ELGs or effluent limitations, may not result in a hydraulic or organic overload condition as defined in 25 Pa. Code § 94.1, and may not cause exceedances of the applicable water quality standards in the receiving stream.

3. Reporting Requirements for Hauled-In Wastes

a. Receipt of Residual Waste

(i) The permittee shall document the receipt of all hauled-in residual wastes (including but not limited to wastewater from oil and gas wells, food processing waste, and landfill leachate), as defined at 25 Pa. Code § 287.1, that are received for processing at the treatment facility. The permittee shall report hauled-in residual wastes on a monthly basis to DEP on the "Hauled In Residual Wastes" Supplemental Report (3800-FM-BCW0450) as an attachment to the DMR. If no residual wastes were received during a month, submission of the Supplemental Report is not required.

The following information is required by the Supplemental Report. The information used to develop the Report shall be retained by the permittee for five years from the date of receipt and must be made available to DEP or EPA upon request.

(1) The dates that residual wastes were received.

(2) The volume (gallons) of wastes received.

(3) The license plate number of the vehicle transporting the waste to the treatment facility.

(4) The permit number(s) of the well(s) where residual wastes were generated, if applicable.

(5) The name and address of the generator of the residual wastes.

(6) The type of wastewater.

The transporter of residual waste must maintain these and other records as part of the daily operational record (25 Pa. Code § 299.219). If the transporter is unable to provide this information or the permittee has not otherwise received the information from the generator, the residual wastes shall not be accepted by the permittee until such time as the permittee receives such information from the transporter or generator.

(ii) The following conditions apply to the characterization of residual wastes received by the permittee:

(1) If the generator is required to complete a chemical analysis of residual wastes in accordance with 25 Pa. Code § 287.51, the permittee must receive and maintain on file a chemical analysis of the residual wastes it receives. The chemical analysis must conform to the Bureau of Waste Management's Form 26R except as noted in paragraph (2), below. Each load of residual waste received must be covered by a chemical analysis if the generator is required to complete it.

(2) For wastewater generated from hydraulic fracturing operations ("frac wastewater") within the first 30 production days of a well site, the chemical analysis may be a general frac wastewater characterization approved by DEP. Thereafter, the chemical analysis must be waste-specific and be reported on the Form 26R.

b. Receipt of Municipal Waste

(i) The permittee shall document the receipt of all hauled-in municipal wastes (including but not limited to septage and liquid sewage sludge), as defined at 25 Pa. Code § 271.1, that are received for processing at the treatment facility. The permittee shall report hauled-in municipal wastes on a monthly basis to DEP on the "Hauled In Municipal Wastes" Supplemental Report (3800-FM-BCW0437) as an attachment to the DMR. If no municipal wastes were received during a month, submission of the Supplemental Report is not required.

The following information is required by the Supplemental Report:

(1) The dates that municipal wastes were received.

(2) The volume (gallons) of wastes received.

(3) The BOD_5 concentration (mg/l) and load (lbs) for the wastes received.

(4) The location(s) where wastes were disposed of within the treatment facility.

(ii) Sampling and analysis of hauled-in municipal wastes must be completed to characterize the organic strength of the wastes, unless composite sampling of influent wastewater is performed at a location downstream of the point of entry for the wastes. The influent BOD_5 characterization for the treatment facility, as reported in the annual Municipal Wasteload Management Report per 25 Pa. Code Chapter 94, must be representative of the hauled-in municipal wastes received.

4. Unanticipated Noncompliance or Potential Pollution Reporting

a. Immediate Reporting - The permittee shall immediately report any incident causing or threatening pollution in accordance with the requirements of 25 Pa. Code §§ 91.33 and 92a.41(b).

(i) If, because of an accident, other activity or incident a toxic substance or another substance which would endanger users downstream from the discharge, or would otherwise result in pollution or create a danger of pollution or would damage property, the permittee shall immediately notify DEP by telephone of the location and nature of the danger. Oral notification to the Department is required as soon as possible, but no later than 4 hours after the permittee becomes aware of the incident causing or threatening pollution.

(ii) If reasonably possible to do so, the permittee shall immediately notify downstream users of the waters of the Commonwealth to which the substance was discharged. Such notice shall include the location and nature of the danger.

(iii) The permittee shall immediately take or cause to be taken steps necessary to prevent injury to property and downstream users of the waters from pollution or a danger of pollution and, in addition, within 15 days from the incident, shall remove the residual substances contained thereon or therein from the ground and from the affected waters of this Commonwealth to the extent required by applicable law.

b. The permittee shall report any noncompliance which may endanger health or the environment in accordance with the requirements of 40 CFR 122.41(l)(6). These requirements include the following obligations:

(i) 24 Hour Reporting - The permittee shall orally report any noncompliance with this permit which may endanger health or the environment within 24 hours from the time the permittee becomes aware of the circumstances. The following shall be included as information which must be reported within 24 hours under this paragraph (40 CFR 122.41(l)(6)(ii)):

(1) Any unanticipated bypass which exceeds any effluent limitation in the permit;

(2) Any upset which exceeds any effluent limitation in the permit; and

(3) Violation of the maximum daily discharge limitation for any of the pollutants listed in the permit as being subject to the 24-hour reporting requirement.

(ii) Written Report - A written submission shall also be provided within 5 days of the time the permittee becomes aware of any noncompliance which may endanger health or the environment. The written submission shall contain a description of the noncompliance and its cause; the period of noncompliance, including exact dates and times, and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance.

(iii) Waiver of Written Report - DEP may waive the written report on a case-by-case basis if the associated oral report has been received within 24 hours from the time the permittee becomes aware of the circumstances which may endanger health or the environment. Unless such a waiver is expressly granted by DEP, the permittee shall submit a written report in accordance with this paragraph. (40 CFR 122.41(l)(6)(iii))

5. Other Noncompliance

The permittee shall report all instances of noncompliance not reported under paragraph C.4 of this section or specific requirements of compliance schedules, at the time DMRs are submitted, on the Non-Compliance Reporting Form (3800-FM-BCW0440). The reports shall contain the information listed in paragraph C.4.b.(ii) of this section. (40 CFR 122.41(l)(7))

PART B

I. MANAGEMENT REQUIREMENTS

A. Compliance

1. The permittee shall comply with all conditions of this permit. If a compliance schedule has been established in this permit, the permittee shall achieve compliance with the terms and conditions of this permit within the time frames specified in this permit. (40 CFR 122.41(a)(1))

2. The permittee shall submit reports of compliance or noncompliance, or progress reports as applicable, for any interim and final requirements contained in this permit. Such reports shall be submitted no later than 14 days following the applicable schedule date or compliance deadline. (25 Pa. Code § 92a.51(c), 40 CFR 122.47(a)(4))

B. Permit Modification, Termination, or Revocation and Reissuance

1. This permit may be modified, terminated, or revoked and reissued during its term in accordance with 25 Pa. Code § 92a.72 and 40 CFR 122.41(f).

2. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance, does not stay any permit condition. (40 CFR 122.41(f))

3. In the absence of DEP action to modify or revoke and reissue this permit, the permittee shall comply with effluent standards or prohibitions established under Section 307(a) of the Clean Water Act for toxic pollutants within the time specified in the regulations that establish those standards or prohibitions. (40 CFR 122.41(a)(1))

C. Duty to Provide Information

1. The permittee shall furnish to DEP, within a reasonable time, any information which DEP may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. (40 CFR 122.41(h))

2. The permittee shall furnish to DEP, upon request, copies of records required to be kept by this permit. (40 CFR 122.41(h))

3. Other Information - Where the permittee becomes aware that it failed to submit any relevant facts in a permit application, or submitted incorrect information in a permit application or in any report to DEP, it shall promptly submit the correct and complete facts or information. (40 CFR 122.41(l)(8))

4. The permittee shall provide the following information in the annual Municipal Wasteload Management Report, required under the provisions of Title 25 Pa. Code Chapter 94:

   a. The requirements identified in 25 Pa. Code § 94.12.

   b. The identity of any indirect discharger(s) served by the POTW which are subject to pretreatment standards adopted under Section 307(b) of the Clean Water Act; the POTW shall also specify the total volume of discharge and estimated concentration of each pollutant discharged into the POTW by the indirect discharger.

   c. A “Solids Management Inventory” if specified in Part C of this permit.

   d. The total volume of hauled-in residual and municipal wastes received during the year, by source.

   e. The Annual Report requirements for permittees required to implement an industrial pretreatment program listed in Part C, as applicable.

D. General Pretreatment Requirements

1. Any POTW (or combination of POTWs operated by the same authority) with a total design flow greater than 5 million gallons per day (MGD) and receiving from industrial users pollutants which pass through or interfere with the operation of the POTW or are otherwise subject to Pretreatment Standards will be required to establish a POTW Pretreatment Program unless specifically exempted by the Approval Authority. A POTW with a design flow of 5 MGD or less may be required to develop a POTW Pretreatment Program if the Approval Authority finds that the nature or volume of the industrial influent, treatment process upsets, violations of effluent limitations, contamination of sludge, or other circumstances warrant in order to prevent interference or pass through. (40 CFR 403.8)

2. Each POTW with an approved Pretreatment Program pursuant to 40 CFR 403.8 shall develop and enforce specific limits to implement the prohibitions listed in 40 CFR 403.5(a)(1) and (b), and shall continue to develop these limits as necessary and effectively enforce such limits. This condition applies, for example, when there are planned changes to the waste stream as identified in Part A III.C.2. If the permittee is required to develop or continue implementation of a Pretreatment Program, detailed requirements will be contained in Part C of this permit.

3. For all POTWs, where pollutants contributed by indirect dischargers result in interference or pass through, and a violation is likely to recur, the permittee shall develop and enforce specific limits for indirect dischargers and other users, as appropriate, that together with appropriate facility or operational changes, are necessary to ensure renewed or continued compliance with this permit or sludge use or disposal practices. Where POTWs do not have an approved Pretreatment Program, the permittee shall submit a copy of such limits to DEP when developed. (25 Pa. Code § 92a.47(d))

E. Proper Operation and Maintenance

1. The permittee shall employ operators certified in compliance with the Water and Wastewater Systems Operators Certification Act (63 P.S. §§ 1001-1015.1).

2. The permittee shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the permittee to achieve compliance with the terms and conditions of this permit. Proper operation and maintenance includes, but is not limited to, adequate laboratory controls including appropriate quality assurance procedures. This provision also includes the operation of backup or auxiliary facilities or similar systems that are installed by the permittee, only when necessary to achieve compliance with the terms and conditions of this permit. (40 CFR 122.41(e))

F. Duty to Mitigate

The permittee shall take all reasonable steps to minimize or prevent any discharge, sludge use or disposal in violation of this permit that has a reasonable likelihood of adversely affecting human health or the environment. (40 CFR 122.41(d))

G. Bypassing

1. Bypassing Not Exceeding Permit Limitations - The permittee may allow a bypass to occur which does not cause effluent limitations to be exceeded, but only if it also is for essential maintenance to assure efficient operation. These bypasses are not subject to the provisions in paragraphs two, three and four of this section. (40 CFR 122.41(m)(2))

2. Other Bypassing - In all other situations, bypassing is prohibited and DEP may take enforcement action against the permittee for bypass unless:

a. A bypass is unavoidable to prevent loss of life, personal injury or "severe property damage." (40 CFR 122.41(m)(4)(i)(A))

b. There are no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime. This condition is not satisfied if adequate backup equipment should have been installed in the exercise of reasonable engineering judgment to prevent a bypass which occurred during normal periods of equipment downtime or preventive maintenance. (40 CFR 122.41(m)(4)(i)(B))

c. The permittee submitted the necessary notice required in paragraph G.4 below. (40 CFR 122.41(m)(4)(i)(C))

3. DEP may approve an anticipated bypass, after considering its adverse effects, if DEP determines that it will meet the conditions listed in paragraph G.2 above. (40 CFR 122.41(m)(4)(ii))

4. Notice

a. Anticipated Bypass – If the permittee knows in advance of the need for a bypass, it shall submit prior notice, if possible, at least 10 days before the bypass. (40 CFR 122.41(m)(3)(i))

b. Unanticipated Bypass – The permittee shall submit oral notice of any other unanticipated bypass within 24 hours, regardless of whether the bypass may endanger health or the environment or whether the bypass exceeds effluent limitations. The notice shall be in accordance with Part A III.C.4.b.

H. Sanitary Sewer Overflows (SSOs)

An SSO is an overflow of wastewater, or other untreated discharge from a separate sanitary sewer system (which is not a combined sewer system), which results from a flow in excess of the carrying capacity of the system or from some other cause prior to reaching the headworks of the sewage treatment facility. SSOs are not authorized under this permit. The permittee shall immediately report any SSO to DEP in accordance with Part A III.C.4 of this permit.

II. PENALTIES AND LIABILITY

A. Violations of Permit Conditions

Any person violating Sections 301, 302, 306, 307, 308, 318 or 405 of the Clean Water Act or any permit condition or limitation implementing such sections in a permit issued under Section 402 of the Act is subject to civil, administrative and/or criminal penalties as set forth in 40 CFR 122.41(a)(2).

Any person or municipality, who violates any provision of this permit; any rule, regulation or order of DEP; or any condition or limitation of any permit issued pursuant to the Clean Streams Law, is subject to criminal and/or civil penalties as set forth in Sections 602, 603 and 605 of the Clean Streams Law.

B. Falsifying Information

Any person who does any of the following:

- Falsifies, tampers with, or knowingly renders inaccurate any monitoring device or method required to be maintained under this permit, or

- Knowingly makes any false statement, representation, or certification in any record or other document submitted or required to be maintained under this permit (including monitoring reports or reports of compliance or noncompliance)

Shall, upon conviction, be punished by a fine and/or imprisonment as set forth in 18 Pa.C.S.A § 4904 and 40 CFR 122.41(j)(5) and (k)(2).

C. Liability

Nothing in this permit shall be construed to relieve the permittee from civil or criminal penalties for noncompliance pursuant to Section 309 of the Clean Water Act or Sections 602, 603 or 605 of the Clean Streams Law.

Nothing in this permit shall be construed to preclude the institution of any legal action or to relieve the permittee from any responsibilities, liabilities or penalties to which the permittee is or may be subject to under the Clean Water Act and the Clean Streams Law.

D. Need to Halt or Reduce Activity Not a Defense

It shall not be a defense for the permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. (40 CFR 122.41(c))

III. OTHER RESPONSIBILITIES

A. Right of Entry

Pursuant to Sections 5(b) and 305 of Pennsylvania's Clean Streams Law, and Title 25 Pa. Code Chapter 92a and 40 CFR 122.41(i), the permittee shall allow authorized representatives of DEP and EPA, upon the presentation of credentials and other documents as may be required by law:

1. To enter upon the permittee's premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of this permit; (40 CFR 122.41(i)(1))

2. To have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit; (40 CFR 122.41(i)(2))

3. To inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices or operations regulated or required under this permit; and (40 CFR 122.41(i)(3))

4. To sample or monitor at reasonable times, for the purposes of assuring permit compliance or as otherwise authorized by the Clean Water Act or the Clean Streams Law, any substances or parameters at any location. (40 CFR 122.41(i)(4))

B. Transfer of Permits

1. Transfers by modification. Except as provided in paragraph 2 of this section, a permit may be transferred by the permittee to a new owner or operator only if this permit has been modified or revoked and reissued, or a minor modification made to identify the new permittee and incorporate such other requirements as may be necessary under the Clean Water Act. (40 CFR 122.61(a))

2. Automatic transfers. As an alternative to transfers under paragraph 1 of this section, any NPDES permit may be automatically transferred to a new permittee if:

   a. The current permittee notifies DEP at least 30 days in advance of the proposed transfer date in paragraph 2.b. of this section; (40 CFR 122.61(b)(1))

   b. The notice includes the appropriate DEP transfer form signed by the existing and new permittees containing a specific date for transfer of permit responsibility, coverage and liability between them; and (40 CFR 122.61(b)(2))

   c. DEP does not notify the existing permittee and the proposed new permittee of its intent to modify or revoke and reissue this permit, the transfer is effective on the date specified in the agreement mentioned in paragraph 2.b. of this section. (40 CFR 122.61(b)(3))

d. The new permittee is in compliance with existing DEP issued permits, regulations, orders and schedules of compliance, or has demonstrated that any noncompliance with the existing permits has been resolved by an appropriate compliance action or by the terms and conditions of the permit (including compliance schedules set forth in the permit), consistent with 25 Pa. Code § 92a.51 (relating to schedules of compliance) and other appropriate Department regulations. (25 Pa. Code § 92a.71)

3. In the event DEP does not approve transfer of this permit, the new owner or operator must submit a new permit application.

C. Property Rights

The issuance of this permit does not convey any property rights of any sort, or any exclusive privilege. (40 CFR 122.41(g))

D. Duty to Reapply

If the permittee wishes to continue an activity regulated by this permit after the expiration date of this permit, the permittee must apply for a new permit. (40 CFR 122.41(b))

E. Other Laws

The issuance of this permit does not authorize any injury to persons or property or invasion of other private rights, or any infringement of state or local law or regulations.

IV. ANNUAL FEE

Permittees shall pay an annual fee in accordance with 25 Pa. Code § 92a.62. Annual fee amounts are specified in the following schedule and are due on each anniversary of the effective date of the most recent new or reissued permit. All flows identified in the schedule are annual average design flows. (25 Pa. Code § 92a.62)

Small Flow Treatment Facility (SRSTP and SFTF)	$0
Minor Sewage Facility < 0.05 MGD (million gallons per day)	$250
Minor Sewage Facility ≥ 0.05 and < 1 MGD	$500
Minor Sewage Facility with CSO (Combined Sewer Overflow)	$750
Major Sewage Facility ≥ 1 and < 5 MGD	$1,250
Major Sewage Facility ≥ 5 MGD	$2,500
Major Sewage Facility with CSO	$5,000

As of the effective date of this permit, the facility covered by the permit is classified in the following fee category: **Major Sewage Facility >=5 MGD**.

Invoices for annual fees will be mailed to permittees approximately three months prior to the due date. In the event that an invoice is not received, the permittee is nonetheless responsible for payment. Throughout a five year permit term, permittees will pay four annual fees followed by a permit renewal application fee in the last year of permit coverage. Permittees may contact the DEP at 717-787-6744 with questions related to annual fees. The fees identified above are subject to change in accordance with 25 Pa. Code § 92a.62(e).

Payment for annual fees shall be remitted to DEP at the address below by the anniversary date. Checks should be made payable to the Commonwealth of Pennsylvania.

PA Department of Environmental Protection
Bureau of Clean Water
Re: Chapter 92a Annual Fee
P.O. Box 8466
Harrisburg, PA 17105-8466

PART C

I. OTHER REQUIREMENTS

A. No storm water from pavements, area ways, roofs, foundation drains or other sources shall be directly admitted to the sanitary sewers associated with the herein approved discharge.

B. The approval herein given is specifically made contingent upon the permittee acquiring all necessary property rights by easement or otherwise, providing for the satisfactory construction, operation, maintenance or replacement of all sewers or sewerage structures associated with the herein approved discharge in, along, or across private property, with full rights of ingress, egress and regress.

C. Collected screenings, slurries, sludges, and other solids shall be handled and disposed of in compliance with 25 Pa. Code, Chapters 271, 273, 275, 283, and 285 (related to permits and requirements for landfilling, land application, incineration, and storage of sewage sludge), Federal Regulation 40 CFR 257, Pennsylvania Clean Streams Law, Pennsylvania Solid Waste Management Act of 1980, and the Federal Clean Water Act and its amendments. The permittee is responsible to obtain or assure that contracted agents have all necessary permits and approvals for the handling, storage, transport, and disposal of solid waste materials generated as a result of wastewater treatment.

D. The permittee shall optimize chlorine dosages used for disinfection or other purposes to minimize the concentration of Total Residual Chlorine (TRC) in the effluent, meet applicable effluent limitations, and reduce the possibility of adversely affecting the receiving waters. Optimization efforts may include an evaluation of wastewater characteristics, mixing characteristics, and contact times, adjustments to process controls, and maintenance of the disinfection facilities. If DEP determines that effluent TRC is causing adverse water quality impacts, DEP may reopen this permit to apply new or more stringent effluent limitations and/or require implementation of control measures or operational practices to eliminate such impacts.

E. The permittee shall not accept hauled-in wastes at the treatment facility under the following conditions, unless otherwise approved by DEP in writing:

- When acceptance of hauled-in wastes would cause a hydraulic or organic overload as defined in Chapter 94.1 of the DEP's regulations.
- When the treatment facility is considered to be in an existing hydraulic or organic overload condition, as determined by the permittee or DEP, as defined in Chapter 94.1 of the DEP's regulations.
- When the instantaneous flow at the treatment facility exceeds 28 MGD (flow taken from the WQM application #1009404 – Amendment No. 1), and for 24 hours following exceedance of this threshold.

II. POTW PRETREATMENT PROGRAM IMPLEMENTATION

A. General Requirement – The permittee shall operate and implement a POTW pretreatment program in accordance with the federal Clean Water Act, the Pennsylvania Clean Streams Law, and the federal General Pretreatment Regulations at 40 CFR Part 403. The program shall also be implemented in accordance with the permittee's approved pretreatment program and any modifications thereto submitted by the permittee and approved by the Approval Authority.

B. Annual Report and Other Requirements – The permittee shall submit a Pretreatment Annual Report by March 31 of each year to EPA that describes the permittee's pretreatment activities for the previous calendar year. The Pretreatment Annual Report shall include a description of pretreatment activities in all municipalities from which wastewater is received at the permittee's POTW. The Pretreatment Annual Report shall include the following information, at minimum:

1. Industrial Listing – The Annual Report shall contain an updated industrial listing providing the names and addresses of all current Significant Industrial Users (SIUs) and Non-Significant Categorical Industrial Users (NSCIUs), as defined in 40 CFR 403.3, and the categorical standard, if any, applicable to each.

The listing must: (1) identify any users that are subject to reduced reporting requirements under 40 CFR 403.12(e)(3); (2) identify which users are NSCIUs; (3) identify any users that have been granted a monitoring waiver in accordance with 40 CFR 403.12(e)(2) as well as the pollutants for which the waiver was granted and the date of the last POTW sampling event for each pollutant; and (4) identify any categorical industrial users that have been given mass-based limits in place of concentration-based categorical limits in accordance with 40 CFR 403.6(c)(5) or concentration-based limits in place of mass-based categorical limits in accordance with 40 CFR 403.6(c)(6).

In addition, the Annual Report shall contain a summary of any hauled-in wastes accepted at the POTW including the source of the wastes (domestic, commercial or industrial) and the receiving location for acceptance of the wastes. For each industrial source (whether or not classified as an SIU), the report shall indicate (1) the name and address of the industrial source; (2) the average daily amount of wastewater received; (3) a brief description of the type of process operations conducted at the industrial facility; (4) whether the source facility is a categorical industrial user (including NSCIU), significant industrial users, or non-significant industrial user; and (5) any controls imposed on the user.

2. Control Mechanism Issuance – The Annual Report shall contain a summary of SIU control mechanism issuance, including a list of issuance, effective, and expiration dates for each SIU control mechanism. For each general control mechanism issued, provide the names of all SIUs covered by the general control mechanism and an explanation of how the users meet the criteria of 40 CFR 403.8(f)(1)(iii)(A) for issuance of a general control mechanism.

3. Sampling and Inspection – The Annual Report shall contain a summary of the number and types of inspections and sampling events of SIUs by the permittee, including a list of all SIUs either not sampled or not inspected, and the reason that the sampling and/or inspection was not conducted. For any user subject to reduced reporting under 40 CFR 403.12(e)(3), the list shall include the date of the last POTW sampling event and the date of the last POTW inspection of the user. In addition, the report shall include a summary of the number of self-monitoring events conducted by each SIU and the number required to be conducted, including a list of all SIUs that did not submit the required number of reports and the reason why the reports were not submitted. For NSCIUs, the report shall provide the date of the compliance certification required under 40 CFR 403.12(q).

4. Industrial User Compliance and POTW Enforcement – The Annual Report shall contain a summary of the number and type of violations of pretreatment standards and requirements, including local limits, and the actions taken by the permittee to obtain compliance, including compliance schedules, penalty assessments and actions for injunctive relief. The report shall state whether each SIU was in significant noncompliance, as that term is defined in 40 CFR Section 403.8(f)(2)(viii), and include the parameter(s) in violation, the period of violation, the actions taken by the POTW in response to the violations, and the compliance status at the end of the reporting period. A copy of the publication of users meeting the significant noncompliance criteria shall be included. In addition, the report shall provide a list of users previously designated as NSCIUs that have violated (to any extent) any pretreatment standard or requirement during the year and the date and description of the violation(s).

5. Summary of POTW Operations – The Annual Report shall contain a summary of any interference, pass-through, or permit violations by the POTW and indicate the following: (1) which, if any, permit violations may be attributed to industrial users; (2) which IU(s) are responsible for such violations; and (3) the actions taken to address these events. The report shall also include all sampling and analysis of POTW treatment plant influent, effluent, and sludge conducted during the year for local limit and priority pollutants identified pursuant to Section 303(d) of the Clean Water Act, 33 U.S.C. 1313(d).

6. Pretreatment Program Changes – The Annual Report shall contain a summary of any changes made or proposed to the approved program during the period covered by the report and the date of submission to the Approval Authority.

A summary of pretreatment activities shall be incorporated into the permittee's Annual Municipal Wasteload Management Report required by 25 Pa. Code Chapter 94 and referenced in Part B I.C.4 of this permit.

C. Routine Monitoring – The permittee shall conduct monitoring at its treatment plant that, at a minimum, includes quarterly influent, effluent, and sludge analysis for all pollutants for which local limits have been established, and an annual priority pollutant scan for influent and sludge.

D. Notification of Pass Through or Interference – The permittee shall notify EPA and DEP, in writing, of any instance of pass through or interference, as defined at 40 CFR 403.3(p) and (k), respectively, known or suspected to be related to a discharge from an IU into the POTW. The notification shall be attached to the DMR submitted to EPA and DEP and shall describe the incident, including the date, time, length, cause (including responsible user if known), and the steps taken by the permittee and IU (if identified) to address the incident. A copy of the notification shall also be sent to the EPA at the address provided below.

E. Headworks Analysis – The permittee shall submit to EPA a reevaluation of its local limits based on a headworks analysis of its treatment plant within one (1) year of permit issuance, and provide a revised submission within three (3) months of receipt of comments from EPA or DEP unless a longer period of time is granted in writing by EPA or DEP. In order to ensure that the permittee's discharge complies with water quality standards, the reevaluation of local limits shall consider, at a minimum, all water quality standards under 25 Pa. Code Chapter 93 applicable to the pollutants included in the reevaluation, unless the POTW is subject to an effluent limitation for the pollutant in Part A of this permit. The list of pollutants to be evaluated, as well as a sampling plan for collection of necessary data, shall be submitted to EPA within three (3) months of permit issuance. Unless otherwise approved in writing, the list of pollutants shall include arsenic, cadmium, chromium, copper, cyanide, lead, mercury, molybdenum, nickel, selenium, silver, zinc, BOD_5, TSS, ammonia, any pollutants for which a local limit currently exists, any pollutant limited in this permit, as well as any other pollutants that have been identified in the POTW through monitoring or the receipt of indirect discharges and hauled-in wastes in quantities that have the potential to cause pass through and/or interference. For example, facilities receiving residual waste from oil and gas operations should include pollutants such as Total Dissolved Solids (TDS), specific ions such as chlorides and sulfates, specific radionuclides, metals such as barium and strontium, and other pollutants that could reasonably be expected to be present. Within four (4) months of acceptance of the headworks analysis by the Approval Authority, the permittee shall adopt any revisions to the local limits and, if necessary to ensure that the limits are enforceable throughout the service area, notify all contributing municipalities of the need to adopt the revised local limits.

F. Changes to Pretreatment Program – EPA and DEP may require the permittee to submit for approval changes to its pretreatment program if any one or more of the following conditions is present:

1. The program is not implemented in accordance with 40 CFR Part 403;

2. Problems such as interference, pass through or sludge contamination develop or continue;

3. The POTW proposes to introduce new pollutants or an increased loading of approved pollutants as described in Part A III.C.2 of this permit;

4. Federal, State, or local requirements change;

5. Changes are needed to assure protection of waters of the Commonwealth.

Program modification is necessary whenever there is a significant change in the operation of the pretreatment program that differs from the information contained in the permittee's submission, as approved under 40 CFR 403.11.

G. Procedure for Pretreatment Program Changes – Upon submittal by the permittee, and written notice of approval by the Approval Authority to the permittee of any changes to the permittee's approved pretreatment program, such changes are effective and binding upon the permittee unless the permittee objects within 30 days of receipt of the written notice of approval. Any objection must be submitted in writing to EPA and DEP.

H. Correspondence – The Approval Authority shall be EPA at the following address:

Pretreatment Coordinator (3WP41)
U.S. Environmental Protection Agency
1650 Arch Street
Philadelphia, PA 19103-2029

III. SOLIDS MANAGEMENT

A. The permittee shall manage and properly dispose of sewage sludge and/or biosolids by performing sludge wasting that maintains an appropriate mass balance of solids within the treatment system. The wasting rate must be developed and implemented considering the specific treatment process type, system loadings, and seasonal variation while maintaining compliance with effluent limitations. Holding excess sludge within clarifiers or in the disinfection process is not permissible.

B. The permittee shall submit the Supplemental Reports entitled, "Supplemental Report – Sewage Sludge/Biosolids Production and Disposal" (Form No. 3800-FM-BCW0438) as an attachment to the DMR on a monthly basis. When applicable, the permittee shall submit the Supplemental Reports entitled, "Supplemental Report – Hauled In Municipal Wastes" (Form No. 3800-FM-BCW0437) and "Supplemental Report – Hauled In Residual Wastes" (Form No. 3800-FM-BCW0450), as attachments to the DMR.

C. By March 31 of each year, the permittee shall submit a "Sewage Sludge Management Inventory" that summarizes the amount of sewage sludge and/or biosolids produced and wasted during the calendar year from the system. The "Sewage Sludge Management Inventory" may be submitted with the Municipal Wasteload Management Report required by Chapter 94. This summary shall include the expected sewage sludge production (estimated using the methodology described in the U.S. EPA handbook, "Improving POTW Performance Using the Composite Correction Approach" (EPA-625/6-84-008)), compared with the actual amount disposed during the year. Sludge quantities shall be expressed as dry weight in addition to gallons or other appropriate units.

IV. WHOLE EFFLUENT TOXICITY (WET)

A. General Requirements

1. The permittee shall conduct **chronic** WET tests as specified in this section. The permittee shall collect discharge samples and perform WET tests to generate **survival and reproduction** data for the cladoceran, *Ceriodaphnia dubia* and **survival and growth** data for the fathead minnow, *Pimephales promelas*.

2. Samples shall be collected at Outfall 001 in accordance with paragraph E.

3. The permittee shall perform testing using the following dilution series: **18%, 37%, 73%, 87%, and 100%** effluent, with a control, where **73%** is the facility-specific Target In-Stream Waste Concentration (TIWC).

4. The determination of whether a test endpoint passes or fails shall be made using DEP's WET Analysis Spreadsheet (available at www.dep.pa.gov/wett) by comparing replicate data for the control with replicate data for the TIWC dilution or any dilution greater than the TIWC.

5. The permittee shall submit only valid WET test results to DEP.

B. Test Frequency and Reporting

1. WET testing shall be conducted annually, at a minimum, during the period January 1 – December 31. Annual WET tests must be completed at least 6 months apart, and shall start in the year the permit becomes effective if the permit effective date is prior to October 1.

2. A complete WET test report shall be submitted to the DEP regional office that issued the permit within 45 days of test completion. A complete WET test report submission shall include the information

contained in paragraph H, below. The permittee shall continue annual WET monitoring, at a minimum, during the permit renewal review period and during any period of administrative extension of this permit.

3. If a test failure is determined for any endpoint during annual monitoring, the permittee shall initiate a re-test for the species with the failure within 45 days of test completion. All endpoints for the species shall be evaluated in the re-test. The results of the re-test shall be submitted to the DEP regional office that issued the permit.

4. If a passing result is determined for all endpoints in a re-test, the permittee may resume annual monitoring.

5. If there is a failure for one or more endpoints in a re-test, the permittee shall initiate or continue quarterly WET testing for both species until there are four consecutive passing results for all endpoints. The results of all tests shall be submitted to the DEP regional office that issued the permit. In addition, the permittee shall initiate a Phase I Toxicity Reduction Evaluation (TRE) as specified in paragraph C, below.

6. The permittee shall attach the WET Analysis Spreadsheet for the latest four consecutive WET tests to the NPDES permit renewal application that is submitted to DEP at least 180 days prior to the permit expiration date.

C. Phase I Toxicity Reduction Evaluation (TRE)

1. The Phase I TRE trigger is one WET endpoint failure followed by a re-test that confirms the failure for the same species. When the TRE process is triggered, quarterly WET testing shall be initiated for both species until there are four consecutive passing results for all endpoints. The Phase I TRE may include a Toxicity Identification Evaluation (TIE) if the permittee cannot immediately identify the possible causes of the effluent toxicity and the possible sources of the causative agents.

2. The permittee shall, within one year following the Phase I TRE trigger, submit a Phase I TRE report to the DEP regional office that issued the permit. The Phase I TRE shall be conducted in accordance with EPA's guidance, "Toxicity Reduction Evaluation for Municipal Wastewater Treatment Plants" (EPA/833B-99/002), "Generalized Methodology for Conducting Industrial Toxicity Reduction Evaluations" (EPA/600/2-88/070), and other relevant EPA guidance, as applicable. If a TIE is conducted as part of the Phase I TRE, it shall conform to EPA's guidance, "Methods for Aquatic Toxicity Identification Evaluations Phase I" (EPA/600/6-91/003), "Phase II" (EPA/600/R-92/080), "Phase III" (EPA/600/R-92/081) and other relevant EPA guidance. The Phase I TRE report shall be submitted with the fourth quarterly WET test report that is completed following the Phase I TRE trigger. The TRE shall include all activities undertaken to identify the cause(s) and source(s) of toxicity and any control efforts.

3. If all four quarterly WET tests produce passing results for all endpoints during the Phase I TRE process, performance of a Phase II TRE is not required, and annual WET testing in accordance with paragraph B.1 may resume.

4. If the four WET tests produce at least one failing result during the Phase I TRE process, the permittee shall continue quarterly WETT monitoring for both species and initiate a Phase II TRE in accordance with paragraph D. In this case, the Phase I TRE must include a schedule for completion of the Phase II TRE. The schedule must include interim milestones and a final completion date not to exceed two years from the initiation of the Phase II TRE. The permittee shall implement the Phase II TRE in accordance with the schedule unless DEP issues written approval to modify the schedule or cease performance of the Phase II TRE.

5. Re-tests during the TRE process are required for invalid tests but are optional and at the discretion of the permittee for valid tests. The results of all re-tests must be submitted to the DEP regional office that issued the permit along with the required elements in paragraph H.

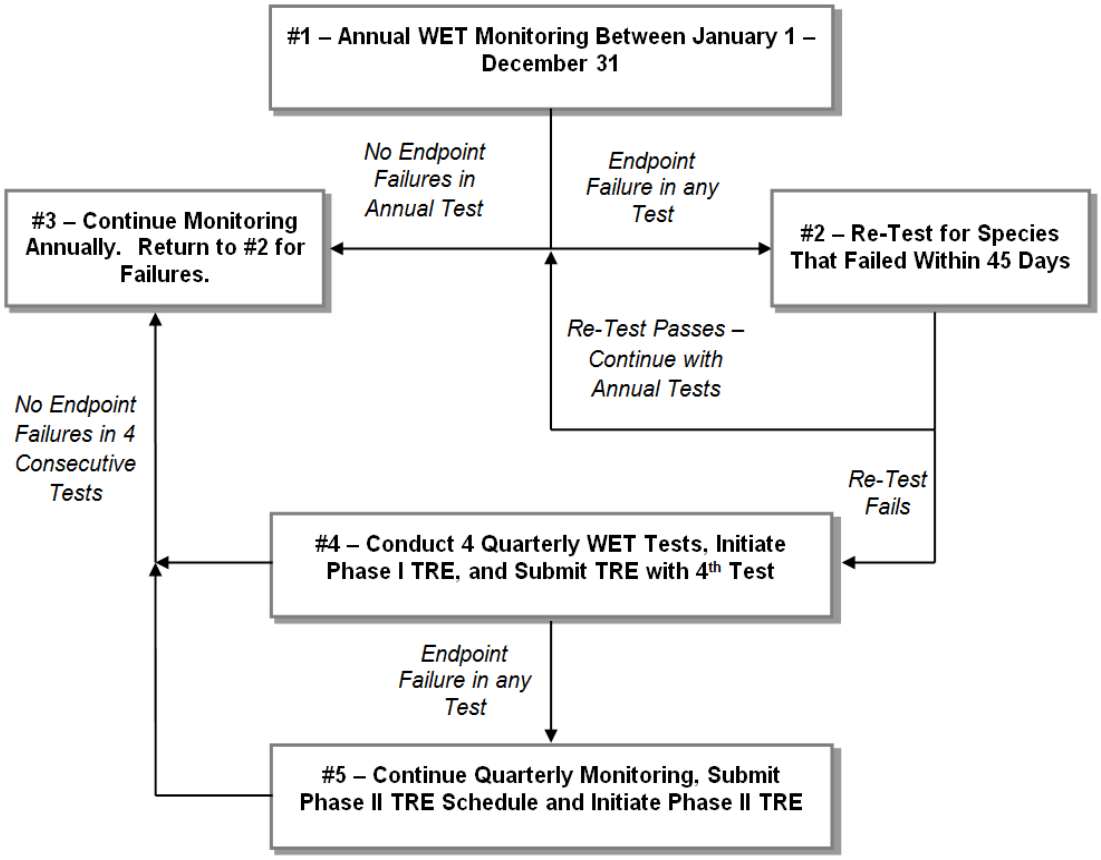
D. Phase II Toxicity Reduction Evaluation (TRE)

1. The Phase II TRE trigger is one WET endpoint failure during performance of the Phase I TRE. A Phase II TRE, if required, shall conform to EPA's guidance, "Toxicity Reduction Evaluation for Municipal Wastewater Treatment Plants" (EPA/833B-99/002), "Generalized Methodology for Conducting Industrial Toxicity Reduction Evaluations" (EPA/600/2-88/070), and other relevant EPA guidance, as applicable. A Phase II TRE evaluates the possible control options to reduce or eliminate the effluent toxicity and the implementation of controls.

2. Once initiated, the Phase II TRE must continue until the source(s) of toxicity are controlled as evidenced by four consecutive WET test passing results for all endpoints, and a final TRE report must be submitted on or before the date specified in the schedule, unless otherwise approved by DEP in writing.

3. If four consecutive quarterly WET tests produce passing results for all endpoints during the Phase II TRE process, annual WET testing in accordance with paragraph B.1 may be initiated or resume.

An overview of the process described in paragraphs B, C and D is presented below:



E. Sample Collection

For each acute testing event, a 24-hour flow-proportioned composite sample shall be collected. For each chronic testing event, three 24-hour flow-proportioned, composite samples shall be collected over a seven day exposure period. The samples must be collected at a frequency of not greater than every two hours and must be flow-proportioned. The samples must be collected at the permit compliance sampling location. Samples must be analyzed within 36 hours from the end of the compositing period and must be placed on

ice and held at ≤ 6°C. Refer to the sample handling and preservation regulations set forth in 40 CFR 136, 25 Pa. Code Chapter 252, The NELAC Institute (TNI) Standard, and the appropriate EPA methods.

F. Test Conditions and Methods

Laboratories must be accredited by the DEP Laboratory Accreditation Program in order to perform and report WET tests for NPDES permit compliance. Laboratories must be either State or NELAP accredited.

1. Acute tests shall be completed in accordance with EPA's "Methods for Measuring the Acute Toxicity of Effluents and Receiving Waters to Freshwater and Marine Organisms" (EPA-821-R-02-012, latest edition). Forty eight (48) hour static non-renewal tests shall be used.

2. Chronic tests shall be completed in accordance with EPA's "Short-term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters to Freshwater Organisms" (EPA-821-R-02-013, latest edition). Seven (7) day tests shall be used with renewal every 24 hours.

3. The quality assurance and control (QA/QC) requirements and test acceptability standards specified in EPA's test methods and the requirements set forth in 25 Pa Code Chapter 252 or the TNI Standard must be followed.

4. If the permittee or its accredited laboratory determines that QA/QC requirements and/or test acceptability standards have not been met, a re-test shall be initiated within 45 days. Original test data must be maintained by the laboratory and be submitted to DEP upon request. The justification for a re-test must be clearly documented and kept on file with the sample results.

G. Chemical Analyses

Chemical analyses must follow the requirements of the EPA methods and applicable State and/or Federal regulations.

1. Chemical analysis on effluent samples shall include pH, Conductivity, Total Alkalinity, Total Hardness, Total Residual Chlorine, Total Ammonia (Unionized Ammonia), Dissolved Oxygen and temperature. Chemical analyses as described in the EPA Methods (above) shall be performed for each sampling event, including each new batch of dilution water and each testing event.

2. In addition to the chemical analyses required above, those parameters listed in Part A of the NPDES permit for the outfall(s) tested shall be analyzed concurrently with the WET test by using the method(s) specified in the permit.

H. WET Report Elements

WET test reports that are submitted to DEP must include the requirements identified in 25 Pa. Code § 252.401(j)(1) – (15) or in the TNI Standard, or equivalent, as well as the following information:

1. A general test description, including the origin and age of test organisms, dates and results of reference toxicant tests, light and temperature regimes, and other documentation that QA and test acceptability criteria as specified in EPA's methods and DEP's QA Summaries have been met.

2. A description of sample collection procedures and sampling location.

3. Name(s) of individual(s) collecting and transporting samples, including sample renewals, and the date(s) and time(s) of sample collection.

4. All chemical and physical data including laboratory quantitation limits and observations made on the species. The hardness shall be reported for each test condition.

5. Copies of raw data sheets and/or bench sheets with data entries and signatures.

6. When effluents are dechlorinated, dechlorination procedures must be described and if applicable a thiosulfate control used in addition to the normal dilution water control. If the thiosulfate control results are significantly different from the normal control, as determined using DEP's WET Analysis Spreadsheet, the thiosulfate control shall be used in the spreadsheet for comparison with the TIWC condition. The WET report must specify which control was used to determine whether the test result is pass or fail.

7. A description of all observations or test conditions that may have affected the test outcome.

8. Control charts for the species tested regarding age, temperature test range, mortality data and all reference toxicant tests.

9. A completed WET test summary report (3800-FM-BCW0485).

10. A DEP WET Analysis Spreadsheet printout that provides control and TIWC replicate data and displays the outcome of the test (pass or fail) for each endpoint tested.

    WETT reports shall be submitted to the DEP regional office that issued the permit and, for discharges to the Delaware River basin, the Delaware River Basin Commission (DRBC).

V. REQUIREMENTS FOR TOTAL RESIDUAL CHLORINE (TRC)

Optional Site-Specific Data Collection

If the permittee elects to evaluate chlorine demand concentrations, the study shall be performed in accordance with DEP's guidance, "Implementation Guidance Total Residual Chlorine (TRC) Regulation" (DEP ID 391-2000-015), Appendix B, or subsequent guidance published by DEP. DEP's current modeling practice is to assume an in-stream and discharge chlorine demands of 0.3 mg/l and 0 mg/l, respectively. The study results shall be submitted with the next renewal application.

VI. REQUIREMENTS APPLICABLE TO STORMWATER OUTFALLS

A. The permittee is authorized to discharge non-polluting stormwater from its site, alone or in combination with other wastewaters, through the following outfalls:

Outfall No.	Latitude	Longitude
011	40° 50' 30"	79° 55' 07"
012	40° 50' 29"	79° 55' 06"
013	40° 50' 27"	79° 55' 00"
014	40° 50' 28"	79° 54' 50"
018	40° 50' 30"	79° 54' 49"

A non-polluting stormwater discharge(s) is defined as causing no significant adverse environmental impact.

Monitoring requirements and effluent limitations for these outfalls are specified in Part A of this permit, if applicable.

B. Preparedness, Prevention and Contingency (PPC) Plan

1. The permittee shall develop and implement a PPC Plan in accordance with 25 Pa. Code § 91.34 following the guidance contained in DEP's "Guidelines for the Development and Implementation of Environmental Emergency Response Plans" (DEP ID 400-2200-001), its NPDES-specific addendum and the minimum requirements below.

a. The PPC Plan must identify all potential sources of pollutants that may reasonably be expected to affect the quality of stormwater discharges from the facility.

b. The PPC Plan must describe preventative measures and BMPs that will be implemented to reduce or eliminate pollutants from coming into contact with stormwater resulting from routine site activities and spills.

c. The PPC Plan must address actions that will be taken in response to on-site spills or other pollution incidents.

d. The PPC Plan must identify areas which, due to topography or other factors, have a high potential for soil erosion, and identify measures to limit erosion. Where necessary, erosion and sediment control measures must be developed and implemented in accordance with 25 Pa. Code Chapter 102 and DEP's "Erosion and Sediment Pollution Control Manual" (DEP ID 363-2134-008).

e. The PPC Plan must address security measures to prevent accidental or intentional entry which could result in an unintentional discharge of pollutants.

f. The PPC Plan must include a plan for training employees and contractors on pollution prevention, BMPs, and emergency response measures.

g. If the facility is subject to SARA Title III, Section 313, the PPC Plan must identify releases of "Water Priority Chemicals" within the previous three years. Water Priority Chemicals are those identified in EPA's "Guidance for the Determination of Appropriate Methods for the Detection of Section 313 Water Priority Chemicals" (EPA 833-B-94-001, April 1994). The Plan must include an evaluation of all activities that may result in the stormwater discharge of Water Priority Chemicals.

h. Spill Prevention Control and Countermeasure (SPCC) plans may be used to meet the requirements of this section if the minimum requirements are addressed.

2. The permittee shall review and if necessary update the PPC Plan on an annual basis, at a minimum, and when one or more of the following occur:

a. Applicable DEP or federal regulations are revised, or this permit is revised.

b. The PPC Plan fails in an emergency.

c. The facility's design, industrial process, operation, maintenance, or other circumstances change in a manner that materially increases the potential for fires, explosions or releases of toxic or hazardous constituents; or which changes the response necessary in an emergency.

d. The list of emergency coordinators or equipment changes.

e. When notified in writing by DEP.

The permittee shall maintain all PPC Plan updates on-site, make the updates available to DEP upon request.

C. Minimum Required BMPs

In addition to BMPs identified in the PPC Plan, the permittee shall implement the following minimum BMPs relating to stormwater pollution prevention:

1. If applicable, post-construction stormwater BMPs that are required under 25 Pa. Code Chapter 102 must be maintained.

2. Manage sludge in accordance with all applicable permit requirements.

3. Store chemicals in secure and covered areas on impervious surfaces away from storm drains.

4. For new facilities and upgrades, design wastewater treatment facilities to avoid, to the maximum extent practicable, stormwater commingling with sanitary wastewater, sewage sludge, and biosolids.

5. Efficiently use herbicides for weed control. Where practicable, use the least toxic herbicide that will achieve pest management objectives. Do not apply during windy conditions.

6. Do not wash parts or equipment over impervious surfaces that wash into storm drains.

7. Implement infiltration techniques, including infiltration basins, trenches, dry wells, porous pavement, etc., wherever practicabl

D. Routine Inspections.

Areas contributing to a stormwater discharge associated with industrial activity shall be visually inspected for evidence of, or the potential for, pollutants entering the drainage system. BMPs in the PPC Plan and required by this permit shall be inspected on a semiannual basis, at a minimum, to determine whether they are adequate and properly implemented in accordance with the terms of this permit or whether additional control measures are needed. Documentation of inspections shall be maintained on-site and be made available to DEP upon request.

pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

VIA ELECTRONIC MAIL

James Runzer (james.runzer@amwater.com)
Pennsylvania American Water Co.
852 Wesley Drive
Mechanicsburg, PA 17055-4436

Re: Butler Area Sewer Authority/Pennsylvania American Water Company
Permit Transfers
Butler Township, Butler County

Dear Mr. Runzer:

The Pennsylvania Department of Environmental Protection ("DEP") has received applications to transfer to Pennsylvania American Water Company ("PAWC") from the Butler Area Sewer Authority ("BASA"), the permits listed on the attached schedule ("Permits"). These permit transfer applications were submitted by BASA and PAWC in connection with the planned closing on the transaction involving the sale of wastewater assets by the BASA to PAWC. DEP understands that the BASA and PAWC intend to close the transaction in the very near future. By this letter, DEP informs you that: (1) BASA and PAWC have submitted all known required applications and related documents to transfer the Permits to PAWC; (2) the Permits will be transferred and issued to PAWC following closing in the ordinary course; and, (3) operation of the wastewater system assets by PAWC at and after closing may be conducted in accordance with the permits and approvals currently in effect for BASA pending transfer of the Permits to PAWC.

DEP is also aware that BASA owns and operates a registered laboratory (Laboratory ID No. 10-01344) and a registered storage tank (Facility ID 10-16819). Applications to transfer those authorizations should be submitted to DEP following closing on the transaction with the BASA and PAWC. As with the other Permits, PAWC may operate the registered laboratory and registered storage tank in accordance with the laboratory certificate and storage tank registration currently in effect for the BASA pending transfer of those authorizations to PAWC.

If you have any questions, please contact me at 814.332.6352.

Sincerely,

Justin C. Dickey

Justin C. Dickey, P.E.
Environmental Program Manager
Clean Water Program

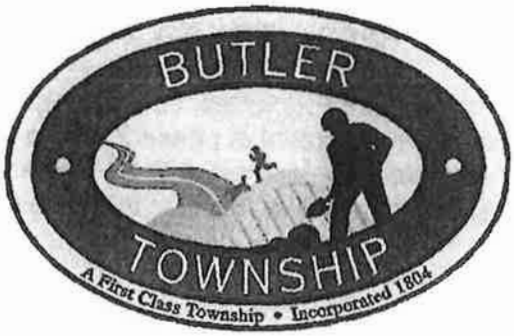
cc: Duane McKee, BASA (dmckee@basa.org)
Jennifer Milakeve Green, PAWC (Jennifer.A.Green@amwater.com)

PERMITS

Schedule of Permits and Accreditations to be Transferred:

1. NPDES Permit No. PA0026697
2. Water Quality Management Permit Nos.:
   a. 366S2
   b. 9151S-T1
   c. 9450S-T1
   d. 1072416
   e. 1071404
   f. 1001414
   g. 9817S-T1
   h. 364S37
   i. 365S21
   j. 366S021
   k. 367S011
   l. 367S024
   m. 368S007
   n. 1068402
   o. 1069407
   p. 1069411
   q. 1071401
   r. 1072401
   s. 1072410
   t. 363S4-T1
   u. 364S23-T1
   v. 364S24-T1
   w. 9814S-T1
   x. 1073411
   y. 1075407
   z. 1075408
   aa. 1074404
   bb. 1076410
   cc. 1079406
   dd. 1079414
   ee. 1079415
   ff. 1080407
   gg. 1080404
   hh. 1080406
   ii. 1080405
   jj. 1080413
   kk. 1080412
   ll. 1080411
   mm. 364S35-T1
   nn. 365S002-T1

oo. 1086402
pp. 1088407
qq. 1089403
rr. 1003417
ss. 1007401
tt. 1009404A-1
uu. WQG028325
vv. 1011403
ww. 1013404
xx. 1074404A-1
yy. 1080405A-1
zz. 1022414A-2
aaa. 1023402
bbb. 1023403
ccc. 1023404
ddd. 1023409



February 20, 2024

Joe Gray
Belmont Investment Properties, LLC
75 Dutchtown Road
Butler, PA 16002

RE: The Oaks at Dutchtown Subdivision Plan
Resolution 24-05

Dear Joe Gray:

Please be advised that at their regular meeting held Monday, February 19, 2024, the Butler Township Board of Commissioners voted to grant preliminary and final approval of phase 1 and preliminary approval of phase 2 of the above referenced subdivision plan located in Butler Township, as filed by you (the "Developer") in accordance with the application materials, subject to the following conditions set forth by Resolution 24-05 (copy attached):

1. Compliance with Senate Engineering Company's letter dated February 16, 2024,
2. Executing a Developer's Agreement approved by the Township Solicitor,
3. Posting of Financial Security in the amount and form acceptable to the Township Solicitor,
4. Receipt of NPDES Permit, and
5. Approval from the Butler Area Sewer Authority

The Board's action dealt only with the above-referenced subdivision plan and waiver approvals under the Subdivision and Land Development Ordinance. The developer must still comply with any and all applicable Township building and other codes and obtain all necessary building, occupancy and other permits from the Township Zoning Officer and Building Inspector.

If you have any questions, feel free to contact me.

Sincerely,

Jesse E. Hines
Zoning Officer
Attachment
c: The Gateway Engineers, Inc.
Commissioner Rice
Manager Knights

RESOLUTION NO. 24-05

WHEREAS, Belmont Investment Properties, LLC has applied for preliminary and final approval of phase 1, and preliminary approval of phase 2 of The Oaks at Dutchtown. This subdivision plan consists of a cluster development with 62 single family homes and associated roadways, sidewalks, utilities, and stormwater facilities to the east of Dutchtown Road, and

WHEREAS, the Butler Township Planning Commission recommended preliminary and final approval of phase 1, and preliminary approval of phase 2 of The Oaks at Dutchtown at their meeting held on February 6, 2024; and

WHEREAS, Belmont Investment Properties, LLC has requested that the Board of Commissioners of Butler Township grant final approval of the proposed plan prior to meeting all of the said conditions.

NOW THEREFORE, it is hereby resolved in accordance with the Pennsylvania Municipalities Planning Code 53 P.S. 10509 (b) that Belmont Investment Properties, LLC is granted preliminary and final approval of phase 1, and preliminary approval of phase 2 of The Oaks at Dutchtown, conditioned upon the following:

1. Compliance with Senate Engineering Company's letter dated February 16, 2024,
2. Executing a Developer's Agreement approved by the Township Solicitor,
3. Posting of Financial Security in the amount and form acceptable to the Township Solicitor,
4. Receipt of NPDES Permit, and
5. Approval from the Butler Area Sewer Authority

NOW THEREFORE, be it further resolved that the final plan as submitted with revisions shall not be signed until the above conditions have been met. This resolution shall expire and be deemed revoked on May 20, 2024 unless extended in writing by Butler Township after written request by the applicant.

RESOLVED, this 19th day of February, 2024.

BUTLER TOWNSHIP BOARD OF COMMISSIONERS

BY: James Lokhaiser, Jr. President

ATTEST:

Theresa Giesler, Township Secretary

I, Theresa Giesler, Secretary of the Butler Township Board of Commissioners, Butler County, PA, do hereby certify that the foregoing is a true and correct copy of the Resolution duly adopted at a public meeting of the Butler Township Board of Commissioners held on February 19, 2024.

Theresa Giesler

TUS-A-6_Attachment 2

June 19, 2024

Joseph Gray
Belmont Investments Properties, LLC
75 Dutchtown Road
Butler, PA 16002

RE: The Oaks at Dutchtown Preliminary approval for Phase 1 & 2

Dear Mr. Gray:

I am writing to inform you that on Monday, June 17, 2024, the Butler Township Board of Commissioners approved your request dated May 30, 2024, to rescind Belmont Properties, LLC's Phase 1 Final Approval and Resolution of the Oaks at Dutchtown Plan. The Oaks at Dutchtown Plan still maintains the Preliminary approval for Phase 1 and Phase 2 as received on February 19, 2024. Consistent with the State MPC, site work associated with the Preliminary approval can begin after a Grading Permit is received from Butler Township. It should be noted that with Preliminary approval that all risk is that of the developer because final approval of the plan has not yet been obtained.

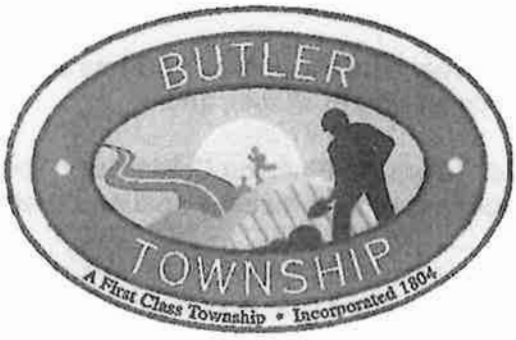
If you have any questions, feel free to contact me.

Sincerely,

Jesse E. Hines
Zoning Officer

Cc: Gateway Engineers
Commissioner Rice
Manager Knights

290 South Duffy Road - Butler, PA 16001
Telephone ~ 724-283-3430 Fax ~ 724-282-2142 Email ~ info@butlertwp.org



October 22, 2024

Joe Gray
Belmont Investment Properties, LLC
75 Dutchtown Road
Butler, PA 16002

RE: The Oaks at Dutchtown Phase 1 Subdivision Plan
Resolution 24-16

Dear Joe Gray:

Please be advised that at their regular meeting held Monday, October 21, 2024, the Butler Township Board of Commissioners voted to grant final approval of phase 1 of the above referenced subdivision plan located in Butler Township, as filed by you (the "Developer") in accordance with the application materials, subject to the following conditions set forth by Resolution 24-16 (copy attached):

1. Compliance with Senate Engineering Company's letter dated October 16, 2024,
2. Executing a Developer's Agreement approved by the Township Solicitor,
3. Posting of Financial Security in the amount and form acceptable to the Township Solicitor,
4. Approval from the Butler Area Sewer Authority, and
5. Review and approval of the Homeowner Association documentation by the Butler Township Solicitor.

The Board's action dealt only with the above-referenced subdivision plan and waiver approvals under the Subdivision and Land Development Ordinance. The developer must still comply with any and all applicable Township building and other codes and obtain all necessary building, occupancy and other permits from the Township Zoning Officer and Building Inspector.

If you have any questions, feel free to contact me.

Sincerely,

Jesse E. Hines
Zoning Officer
Attachment
c: The Gateway Engineers, Inc.
Commissioner Rice
Manager Knights

RESOLUTION NO. 24-16

262

WHEREAS, Belmont Investment Properties, LLC has applied for final approval of phase 1 of The Oaks at Dutchtown consisting of 31 lots, and

WHEREAS, the Butler Township Planning Commission recommended final approval of phase 1 of The Oaks at Dutchtown at their meeting held on October 1, 2024; and

WHEREAS, Belmont Investment Properties, LLC has requested that the Board of Commissioners of Butler Township grant final approval of the proposed plan prior to meeting all of the said conditions.

NOW THEREFORE, it is hereby resolved in accordance with the Pennsylvania Municipalities Planning Code 53 P.S. 10509 (b) that Belmont Investment Properties, LLC is granted final approval of phase 1 of The Oaks at Dutchtown, conditioned upon the following:

1. Compliance with Senate Engineering Company's letter dated October 16, 2024,
2. Executing a Developer's Agreement approved by the Township Solicitor,
3. Posting of Financial Security in the amount and form acceptable to the Township Solicitor,
4. Approval from the Butler Area Sewer Authority, and
5. Review and approval of the Homeowner Association documentation by the Butler Township Solicitor.

NOW THEREFORE, be it further resolved that the final plan as submitted with revisions shall not be signed until the above conditions have been met. This resolution shall expire and be deemed revoked on January 20, 2025 unless extended in writing by Butler Township after written request by the applicant.

RESOLVED, this 21st day of October, 2024.

BUTLER TOWNSHIP BOARD OF COMMISSIONERS

BY: James Lokhaiser, Jr. President

ATTEST:

Theresa Giesler, Township Secretary

I, Theresa Giesler, Secretary of the Butler Township Board of Commissioners, Butler County, PA, do hereby certify that the foregoing is a true and correct copy of the Resolution duly adopted at a public meeting of the Butler Township Board of Commissioners held on October 21, 2024.

Theresa Giesler

pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

November 16, 2023

Duane McKee, Executive Director
Butler Area Sewer Authority
100 Litman Road
Butler, PA 16001

Re: Application Type – Act 537 Official Sewage Facilities Plan
Acquisition of Butler Area Sewage Authority Act 537
DEP Code No. M6-23-214
APS ID No. 1095753, Auth ID No. 1452453
Butler Township, City of Butler, Center Township, Connoquenessing Township, East Butler Borough, Oakland Township, Summit Township, Butler County

Dear Mr. McKee:

The Department of Environmental Protection (Department) has reviewed the proposed Act 537 Official Sewage Facilities Plan (Update Revision) dated August 2023 and revised October and November 2023, as prepared by Gwin, Dobson & Foreman Engineers. The Update Revision is titled "Official Sewage Facilities Plan: Acquisition of Butler Area Sewer Authority's Wastewater Facilities by Pennsylvania-American Water".

The purpose of the Update Revision is to first, detail the Act 537 conditions and responsibilities of the respective parties (Butler Area Sewer Authority and Pennsylvania American Water) to facilitate the asset transfer and to secondly, identify immediate sewerage needs, if any, which might impede the transfer of said infrastructure. No such impeding conditions have been identified. The Update Revision was prepared in accordance with the Department's guidance document entitled Public-to-Private Wastewater Disposal System Transfers, Act 537 Planning Requirements.

Sewerage facilities being acquired by Pennsylvania American Water include the Butler Area Sewer Authority Wastewater Treatment Plant (WWTP), twenty-three (23) traditional pump stations, four (4) subsystem wet weather diversion/equalization tank pump stations, three (3) equalization tanks at central storage location, and approximately 224 miles of gravity sewer and eight (8) miles of force main. Additionally, all sewerage collection and conveyance systems, individual service laterals from the main to the property line, related sewerage collection, conveyance and treatment system appurtenances, and associated lands, easements, and rights-of-way will be transferred.

The plan is approved.

It is now the responsibility of the Butler Area Sewer Authority and its tributary municipalities to implement the Update Revision in accordance with the schedule contained therein.

Any person aggrieved by this action may appeal the action to the Environmental Hearing Board (Board), pursuant to Section 4 of the Environmental Hearing Board Act, 35 P.S. § 7514, and the Administrative Agency Law, 2 Pa.C.S. Chapter 5A. The Board's address is:

Environmental Hearing Board
Rachel Carson State Office Building, Second Floor
400 Market Street
P.O. Box 8457
Harrisburg, PA 17105-8457

TDD users may contact the Environmental Hearing Board through the Pennsylvania Relay Service, 800.654.5984.

Appeals must be filed with the Board within 30 days of receipt of notice of this action unless the appropriate statute provides a different time. This paragraph does not, in and of itself, create any right of appeal beyond that permitted by applicable statutes and decisional law.

A Notice of Appeal form and the Board's rules of practice and procedure may be obtained online at http://ehb.courtapps.com or by contacting the Secretary to the Board at 717.787.3483. The Notice of Appeal form and the Board's rules are also available in braille and on audiotape from the Secretary to the Board.

IMPORTANT LEGAL RIGHTS ARE AT STAKE. YOU SHOULD SHOW THIS DOCUMENT TO A LAWYER AT ONCE. IF YOU CANNOT AFFORD A LAWYER, YOU MAY QUALIFY FOR FREE PRO BONO REPRESENTATION. CALL THE SECRETARY TO THE BOARD AT 717.787.3483 FOR MORE INFORMATION. YOU DO NOT NEED A LAWYER TO FILE A NOTICE OF APPEAL WITH THE BOARD.

IF YOU WANT TO CHALLENGE THIS ACTION, YOUR APPEAL MUST BE FILED WITH AND RECEIVED BY THE BOARD WITHIN 30 DAYS OF RECEIPT OF NOTICE OF THIS ACTION.

If you have any questions or concerns, please contact Tomisa Kiskadden at 814.332.6623 or tkiskadden@pa.gov and refer to DEP Code No. M6-23-214, Application No. 1095753, and Authorization No. 1452453.

Sincerely,

Justin C. Dickey

Justin C. Dickey, P.E.
Environmental Program Manager
Clean Water Program

cc: Steven Gibson, P.E., Gwin, Dobson & Foreman, Inc.
Theresa Giesler, Butler Township
Robert Dandoy, City of Butler
Anthony Amendolea, Center Township
Brenda Davis, Connoquenessing Township
Kristy Klabnik, East Butler Borough
Diana Foehringer, Oakland Township
Roxann Stickney, Summit Township
Joel MacKay, Butler County Planning Commission

Your shipment from

PA AMERICAN WATER

Delivered On

Tuesday, March 18 at 9:32 A.M. at Front Desk

Delivered To

230 CHESTNUT ST
MEADVILLE, PA 16335 US

Received By:

BARDWELL

Proof of Delivery >

Label Created
United States
03/17/2025, 2:53 P.M.

We Have Your Package
Carlisle, PA, United States
03/17/2025, 5:37 P.M.

On the Way
Meadville, PA, United States
03/18/2025, 7:53 A.M.

Out for Delivery
Meadville, PA, United States
03/18/2025, 8:24 A.M.

Delivered
MEADVILLE, PA, US
03/18/2025, 9:32 A.M.

Proof of Delivery

Dear Customer,

This notice serves as proof of delivery for the shipment listed below.

Tracking Number

1ZK112B60122318201

Service

UPS Next Day Air®

Shipped / Billed On

03/17/2025

Delivered On

03/18/2025 9:32 A.M.

Delivered To

230 CHESTNUT ST
MEADVILLE, PA, 16335, US

Received By

BARDWELL

Left At

Front Desk

Please print for your records as photo and details are only available for a limited time.

Sincerely,

UPS

Tracking results provided by UPS: 04/21/2025 9:44 P.M. EST

BEFORE THE
PENNSYLVANIA PUBLIC UTILITY COMMISSION

Application of Pennsylvania-American Water Company for Approval of the Right to Offer or Furnish Wastewater Service to the Public in an Additional Portion of Butler Township, Butler County, Pennsylvania	:	Docket No. A-2025-3053990

VERIFICATION

I, Jed A. Fiscus, hereby state that the facts set forth in the foregoing Pennsylvania-American Water Company responses to the Data Request, Set 1, from the Bureau of Technical Utility Services, and accompanying attachments, are true and correct to the best of my knowledge, information and belief, and that I expect to be able to prove the same at a hearing if held in this matter. I understand that the statements herein are made subject to the penalties of 18 Pa.C.S. § 4904 (relating to unsworn falsification to authorities).

Date: April 30, 2025

Jed A. Fiscus
Director, Engineering Project Delivery
Pennsylvania-American Water Company

BEFORE THE
PENNSYLVANIA PUBLIC UTILITY COMMISSION

Application of Pennsylvania-American Water Company for Approval of the Right to Offer or Furnish Wastewater Service to the Public in an Additional Portion of Butler Township, Butler County, Pennsylvania	:	Docket No. A-2025-3053990

CERTIFICATE OF SERVICE

I hereby certify that I have this day served a true copy of Pennsylvania-American Water Company's responses to Data request, Set 1, from the Bureau of Technical Utility Services dated April 16, 2025, upon the persons and in the manner indicated below, in accordance with the requirements of 52 Pa. Code § 1.54 (relating to service by a party).

Service in the manner listed below addressed as follows:

Darryl A. Lawrence
Acting Consumer Advocate
PA Office of Consumer Advocate
555 Walnut Street, 5th Floor, Forum Place
Harrisburg, PA 17101-1923
(via electronic mail - ra-oca@paoca.org)

NazAarah Sabree
Small Business Advocate
PA Office of Small Business Advocate
555 Walnut Street, 1st Floor, Forum Place
Harrisburg, PA 17101
(via electronic mail – ra-sba@pa.gov)

Allison Kaster
Director and Chief Prosecutor
PA Public Utility Commission
Bureau of Investigation and Enforcement
Commonwealth Keystone Building
400 North Street, 2nd Floor, West
Harrisburg, PA 17120
(via electronic mail – akaster@pa.gov)

Dated: April 30, 2025

Elizabeth Rose Triscari, Esq.
(PA ID #306921)
Pennsylvania-American Water Company
852 Wesley Drive, Mechanicsburg, PA 17055
Office: 717.550.1574
elizabeth.triscari@amwater.com